



Antibodies TRIP Has Experience With

A
ABL-1 = abelson murine leukemia viral oncogene homolog 1
Acetyl H3K122 = acetyl-Histone H3
Ac-Histone H4 = acetyl-Histone H4
Ah Receptor = aryl hydrocarbon Receptor
Akt – & pAkt
AKR1B10 = aldo keto reductase family 1 member B10
ALDH1 = aldehyde dehydrogenase 1
ALDH1A1 = aldehyde dehydrogenase 1A1
alpha/beta-Crystallin
alpha ER = α Estrogen Receptor
alpha-SMA = smooth muscle actin
AMACR – (aka p504s) = α -methyl acyl-CoA racemase
Ang1 = angiopoietin 1
Ang2 = angiopoietin 2
Ang4 = angiopoietin 4
ANXA5 = annexin V
AR = androgen Receptor
ARG2 = arginase-2
ARID1A = A-T rich interactive domain 1A
ARID1B = A-T rich interactive domain 1B
ARv7 = androgen receptor V7
ASCL1 = achaete-scute complex like 1
ATM [Y170] = ataxia telangiectasia mutated
Axl

B
Baf180 – (aka PBRM1) = polybromo 1
BAFF = B-cell-activating factor
BAFF-R = B-cell activating factor receptor
BAR – (aka FXR, NR1H4) = bile acid receptor
Basigin – (aka CD147)
BAX = BCL2 associated X protein
Bcl-2 = B-cell CLL/lymphoma 2
BCMA = B-cell maturation protein
Beclin1
beta-Amyloid
beta Catenin
beta ER = β estrogen receptor
beta Galactose
BLIMP-1 – (aka PRDM1) = B-lymphocyte-induced maturation protein 1



BOP1 = block of proliferation 1 protein

Boris – (aka **H-120**) = brother of the regulator of imprinted sites

BRAF

Brg1

BRMS1 = breast cancer metastasis-suppressor 1

Btk = bruton's tyrosine kinase

C

C1QB = complement C1q subcomponent subunit B

CA9 = carbonic anhydrase 9

Caspase-3 - & Cleaved Caspase-3

Cathepsin D

Cathepsin K

CC3 = cleaved caspase -3 (& **Caspase-3**)

CD3

CD4

CD5

CD8

CD8 α

CD10

CD11b

CD11c

CD14

CD15

CD16

CD19

CD20

CD21

CD23

CD24

CD31 - (aka **PECAM-1**)

CD34

CD44

CD44v3

CD45

CD54 – (aka **ICAM-1**)

CD56

CD57 - (aka **NK-1**)

CD61

CD64

CD68

CD69



CD73
CD74
CD79a
CD86
CD105
CD117 - (aka c-Kit)
CD122 - (aka IL2 receptor, p75)
CD133 - (aka PROM1)
CD137 - (aka TNFRSF9)
CD138 - (aka Syndecan-1)
CD147 - (aka Basigin)
CD161 – (aka NK1.1)
CD163
CD169
CD202B – (aka TIE-2, TEK) = receptor tyrosine kinase
CD206 - (aka mannose)
CD278 – (aka ICOS) = inducible co-stimulator
CD324
CDK6 = cyclin-dependent kinase 6
CDX2 = caudal type homeo box transcription factor 2
CEACAM5/6 = Carcinoembryonic antigen-related cell adhesion molecule 5/6
CENPI = centromere protein I
cGAS = cyclic GMP-AMP synthase
CHCG β = chronic gonadotropin β chain
Chd1 = chromo domain-containing protein 1
CHD8 = chromo domain-containing protein 8
Chromogranin A
CK5 = cytokeratin 5
CK5 + CK6 = cytokeratin 5 + 6
CK7 = cytokeratin 7
CK8 = cytokeratin 8
CK8 + CK18 = cytokeratin 8 + 18
CK14 = cytokeratin 14
CK16 = cytokeratin 16
CK17 = cytokeratin 17
CK19 = cytokeratin 19
CK20 = cytokeratin 20
CK CAM5.2 = cytokeratin CAM5.2
CK = pan-cytokeratin
CK = Wide Spectrum Cytokeratin
c-Kit - (aka CD117)
CLDN18 = claudin 18
Cleaved Notch 1 - (aka NICD) = Notch 1 intercellular domain
Cleaved PARP1 – (aka cPARP)
CLTA4 = cytotoxic T-lymphocyte-associated antigen 4
Clusterin



c-Met
c-Myc
Collagen II - & Pro-Collagen I
Coup-TFI = chicken ovalbumin upstream promoter-transcription factor I
cPARP1 – (aka Cleaved PARP1)
CRD-BP - (aka IGF2BP1) = coding region determinant- binding protein
CREB - & pCREB = Cyclic AMP – responsive element-binding protein 1
CRP = c-reactive protein
Crystallin, α/β
CTCF = CCCTC-binding factor
CTHRC1 = collagen triple helix repeat- containing protein 1
CXCL13 = C-X-C motif chemokine ligand 13
CXCR5 = chemokine (C-X-C motif) receptor 5
Cyclin D1
CYP17A1 = cytochrome P450 17A1

D
DcR3 = decoy receptor 3
DENND1A.V2
Di-Methyl Histone H3
DNA/RNA damage – (aka 8OHdG)
DOC1 – (aka FILIP1L) = downregulated in oral cancer 1
DR4 – (aka TRAIL R1) = death receptor 4
DR5 – (aka TRAIL R2) = death receptor 5
DUSP4 = dual specificity protein phosphatase 4

E
E2F-1 = retinoblastoma-associated protein 1 (aka RBAP1)
E-Cadherin = epithelial cadherin
E-Cadherin – DAKO = epithelial cadherin
EGFR - & pEGFR = epidermal growth factor receptor
EMA = epithelial membrane antigen
eNOS = endothelial nitric-oxide synthase
Ep-CAM = epithelial cell adhesion molecule
EphA2 = ephrin type-A receptor 2
EPX – (aka EPO) = eosinophil peroxidase
ER α = estrogen receptor α
ER β = estrogen receptor β
ER SP1 = estrogen receptor clone SP1
ERG = ETS-related gene
ERK - & p-ERK = extracellular signal-regulated kinase
ERK 1+2 = extracellular signal-regulated kinase 1+2
EZH2 = enhancer of zeste homolog 2



F

F4/80

FAP = fibroblast activation protein

FBXO10 = F-box protein 10

FCN1 = ficolin-1

FGF5 – (aka **SMAG**) = fibroblast growth factor 5

Fibronectin

Filaggrin

FILIP1L - (aka **DOC1**) = filamin A-interacting protein 1-like

FLK-1 = fetal liver kinase 1

FOLH1 – (aka **PSMA**) = folate Hydrolase 1

FOXA1 = forkhead box protein A1

FoxJ1 - (aka **HFH4**) = forkhead box protein J1

FOXM1 = forkhead box protein M1

FOXP3 = forkhead box protein P3

FXR - (aka **NR1H4**, **BAR**) = farnesoid X nuclear receptor

G

GABRA5 – (aka **GABA**) = gamma-aminobutyric receptor acid 5

GAD2 - (aka **GAD 65**) = glutamate decarboxylase 2

Galactose, β

GATA-2

GD2 = disialoganglioside GD2

GFAP = glial fibrillary acidic protein

GFP = green fluorescent protein

GFPT2 = glutamine-fructose-6-phosphate transaminase 2

GITR = glucocorticoid-induced TNFR-related protein

GLB1 = β -galactosidase

GLUT1 = glucose transporter

Glycophorin A – (aka **Ly76**)

Glypican 1

GPCR TGR5 = G-protein coupled bile acid receptor 1 (aka **TGR5**, **GPBAR1**)

GPBR1 = G-protein coupled estrogen receptor 1

GPR143 – (aka **OA1**) = ocular albinism type 1

GRB10 = growth factor receptor-bound protein 10



H
H-120 – (aka Boris , group VI iPLA ₂)
H327me3 = histone H3
hCG β = human choriogonadotropin subunit β 7
HER2 = human epidermal growth factor receptor 2
HER3 = human epidermal growth factor receptor 3
HES1 = hairy and enhancer of split 1
HFH4 - (aka FoxJ1) = hepatocyte nuclear factor 3 forkhead homolog 4
HIF-1α = hypoxia-inducible factor 1 α
HIF-2α = hypoxia-inducible factor 2 α
Histone H3 – (aka H327me3)
Histone H3, acetyl K18 - (aka H3K18ac)
Histone H3, acetyl K122
Histone H3, Dimethyl
Histone H3, phosphor S28
Histone H3, Tri-Methyl-Histone H3 – (aka Lys27 , TMH H3)
HLA DPB1 = major histocompatibility complex, class II, DP β 1
HLA DQB1 = major histocompatibility complex, class II, DQ, β 1
HLA DR = major histocompatibility complex, class II, DR α
HMGB1 = high mobility group box 1
HOXB13 = homeo box B13
HP1 gamma = heterochromatin protein 1 γ
HSP70 = heat shock protein 70
HSP90 = heat shock protein 90 α family class A member 1
HSPG2 – (aka Syndecan-2)

I
IBA1 = ionized calcium-binding adapter molecule 1
ICAM1 – (aka CD54) = intercellular cell adhesion molecule-1
ICOS - (aka CD278) = inducible co-stimulator
IDO = indolamine 2,3 dioxygenase
IGF1 = insulin-like growth factor 1
IGF1R = insulin-like growth factor 1 receptor
IGF1R β = insulin-like growth factor 1 receptor β
IGF2 = insulin-like growth factor 2
IGF2BP1 – (aka CRD-BP) = insulin-like growth factor 2 mRNA-binding protein 1
IGFBP3 = insulin-like growth factor-binding protein 3
IL2 Receptor β - (aka p75 , CD122) = interleukin-2 Receptor β
INSM1 = insulinoma-associated protein 1
IREB2 = iron-responsive element-binding protein 2
IRF3 = interferon regulatory factor 3



J

JB201/JBL1

pJNK = phosphor c-Jun N-terminal kinase 1

K

Ki-67

Ku80

L

LAG3 = lymphocyte activation gene-3

LC3A/B = MAP1 light chain 3-like protein 1A and 1B

LDLR = LDL receptor

LEF1 = lymphoid enhancer factor 1

LIN28

LOX-1 - (aka **OLR-1**) = lectin-like oxidized low density- lipoprotein receptor 1

LRP1 = low density lipoprotein receptor related protein

LRP5 = low density lipoprotein receptor related protein 5

Ly-6C = lymphocyte antigen 6 complex

Ly-6G = lymphocyte antigen 6 complex, locus G

Ly-6G/Ly-6C

Ly76 – (aka **Glycophorin A**)

Lys27 = tri-methyl-histone H3 - (aka **TMH H3**)

M

Mannose – (aka **CD206**)

MAP2 = microtubule-associate protein 2

mCherry

Mcl-1 = myeloid cell leukemia sequence 1

MCPyV large T-antigen - (aka **Merkel Cell Polyoma Virus**)

MEIS1 = myeloid ecotropic viral integration site 1

MEK 1+2

MER

MerTK = tyrosine-protein kinase Mer

MET

MITF = microphthalmia-associated transcription factor

MMP2 = matrix metalloproteinase 2

MPYS – (aka **STING, TMEM173**) = stimulator of interferon genes protein

MSH6

mTOR - & **phospho mTOR** = mammalian target of rapamycin

MUM1 = mutated melanoma-associated antigen 1

myeloperoxidase



N

N-cadherin = neuronal cadherin

Nephrin

Nestin

NeuN = neuronal nuclei

NFkB - (aka **p65**) = nuclear factor NF-kappa-B

NFkB2

NG2

NICD – (aka **Cleaved Notch 1**) = notch 1 intercellular domain

NK-1 – (aka **CD57**)

NK1.1 – (aka **CD161**)

NKG2D

NKX3.1

NNMT = nicotinamide N-methyl transferase

NOP56

Notch 1, Cleaved - (aka **NICD**) = notch 1 intracellular domain

Notch 2 = notch 2 intracellular domain

Notch 3 = notch 3 intracellular domain

NR1H4 - (aka **FXR, Bar**) = nuclear receptor subfamily 1 group H member 4

NRF2 – nuclear factor erythroid 2-related factor 2

NSD2 = nuclear SET domain-containing protein 2

Nur77 = nuclear hormone receptor NUR/77

NYX3.1

O

OCT3/4

OCT4 = octamer-binding protein 4

OLR-1 – (aka **LOX-1**) = oxidized low density- lipoprotein receptor-1

OTP = homeobox protein orthopedia

OX40L = OX40 ligand



P
p16
p21
p27
p38 MAPK - & phospho p38 MAPK
P40
p45
p52 - (aka NFkb2)
p53
p62
P63
P65 - (aka NFkb)
P75 - (aka IL2 receptor, CD122)
p300
P504s - (aka AMACR) = alpha-methyl acyl-CoA racemase
Pan-Cytokeratin
pAKT - & AKT
PAR-3 = partitioning defective 3 homolog
PAX5 = paired box 5
PAX8 = paired box 8
PBRM1 - (aka Baf180) = polybromo 1
PCM1 = pericentriolar material 1 protein
PCNA = proliferating cell nuclear antigen
PCSK9 = proprotein convertase subtilisin/kexin type 9
pCREB - & CREB – phospho Cyclic AMP – responsive element- binding protein 1
PD-1 = programmed cell death 1 protein
PEG = polyethylene glycol
pEGFR - & EGFR = phospho Epidermal growth factor receptor
perforin
PDGFR beta = platelet-derived growth factor receptor 1 β
PD-L1 = programmed cell death 1 Ligand 1
PD-L2 = programmed cell death 1 Ligand 2
PECAM-1 – (aka CD31) = platelet endothelial cell adhesion molecule-1
Pericentrin
pERK - & ERK = phospho extracellular signal-regulated kinase
PGE2 = Prostaglandin E2
phospho p38 MAPK - & p38 MAPK
phospho mTOR - & mTOR = phospho mammalian target of rapamycin
PIP5K1 α = phosphatidylinositol 4-phosphate 5-kinase type-1 α
pJNK = phosphor c-jun N-terminal kinase 1
Plakophilin
PLK = polo-like kinase
PLK4 = polo-like kinase 4
PLK5 = polo-like kinase 5
PMS2 = post meiotic segregation increased 2
pPRAS40 - & PRAS40 = phospho proline rich AKT1 substrate 1
PRMT5 = protein arginine N-methyltransferase 5



PROM1 - (aka CD133) = prominin-1
PR = progesterone receptor
PRAS40 - & pPRAS40 = proline rich AKT1 substrate 1
PRDM1 – (aka BLIMP1) = positive regulatory domain I
Pro-Collagen I - & Collagen II
PRRX1 = paired mesoderm homeobox protein 1
PSA = prostate specific antigen
PSAP = prostate specific acid phosphatase
PSMA - (aka FOLH1) = prostate-specific membrane antigen
p- Tau - & Tau-RD3 , Tau-RD4
pTDP-43 - & TDP = phospho TAR DNA-binding protein 43
PTEN = phosphatase and tensin homolog
PyMT = polyoma virus, medium T antigen

R
Raf
RB = retinoblastoma gene protein
Renin
REST = RE-1-silencing transcription factor
RFP = red fluorescent protein
RORC = retinoid-related orphan receptor gamma (aka RORG)
RSV = respiratory syncytial virus

S
S100
S6K1
Sall4 = sal-like protein 4
SEN1 = sentrin-specific protease 1
SF-1 = steroidogenic Factor 1
SIGIRR = single Ig IL-1R-related molecule
SIN1 = stress-activated map kinase-interacting protein 1 (aka SAPK-interacting protein 1)
SIRT1
SIRT2
SIRT3
SIRT6
SKP2 = S-phase kinase-associated protein 2
Slug
SMA = smooth muscle actin
SMAD3 = mothers against decapentaplegic homolog 3 (aka MADH3)



SMAD4 = mothers against decapentaplegic homolog 4 (aka MADH4)
SMAD7 = mothers against decapentaplegic homolog 4 (aka MADH7)
SMAG – (aka FGF5) = fibroblast growth factor 5
SMARCD1 = SWI/SNF-related, matrix-associated, actin dependent regulator of chromatin, subfamily D, member 1
SMARCD3 = SWI/SNF-related, matrix-associated, actin dependent regulator of chromatin, subfamily D, member 3
SOX2
SOX10
SOX11
SRF = serum response factor
SSAT = spermidine/spermine N ₁ -acetyltransferase
SSEA-4 = stage specific embryonic antigen-4
SSX = synovial sarcoma X
SSX2 = synovial sarcoma X2
SSX5 = synovial sarcoma X5
STING - (aka TMEM173 , MPYS) = stimulator of interferon genes protein
Survivin
SV40 T Antigen = simian virus 40 T-antigen
SVEP1
Synaptophysin
Syndecan-1 - (aka CD138)
Syndecan-2 – (aka HSPG1)

T
Tau-RD3 - & p-Tau
Tau-RD4 - & p-Tau
TCR β = T-cell receptor β
TCR gamma = T-cell receptor γ
TDP - & pTDP-43 = TAR DNA-binding protein
Tenascin-C
TFE3 = transcription factor E3
TFEB = transcription factor EB
TFR2 = transferrin Receptor 2
TGF β1 = transforming growth factor β -1
TGF β2 = transforming growth factor β -2
TGR5 = G-protein coupled bile acid receptor 1 – (aka GPCR TGR5)



Tie-1 = tyrosine-protein kinase receptor Tie-1
Tie-2 - (aka TEK , CD202B) = tyrosine-protein kinase TIE-2
TIM-3 = T-cell immunoglobulin and mucin domain-containing protein 3
TLR4 = toll-like receptor 4
TLR7 = toll-like receptor 7
TMEM173 – (aka STING , MPYS) = stimulator of interferon genes protein
TMH H3 = tri-methyl histone H3 (aka Lys27)
TNFRSF9 – (aka CD173)
TPX2
TRAIL R1 – (aka DR4) = TNF-related apoptosis-inducing ligand receptor 1
TRAIL R2 – (aka DR5) = TNF-related apoptosis-inducing ligand receptor 2
TRK-1
Troponin
TSP-1 = thrombospondin 1
Twist
Tyrosinase

V-W
VDR = vitamin D receptor
VEGF = vascular endothelial growth factor
Vimentin
VCAM1 = vascular cell adhesion protein 1
Wide Spectrum Cytokeratin
WT1 = wilms tumor protein
YAP1 = yes-associated protein 1

Z
ZEB1 = zinc finger E-box-binding homeobox 1
ZEB2 = zinc finger E-box-binding homeobox 2