

SC2 Core – CyTOF

Whole Blood Phenotyping Panel

(Please inquire about custom modifications to this panel)

Reactivity
CD45
CD235
CD61
CD66
CD197 (CCR7)
CD19
CD4
CD38
CD163
CD43
CD7
CD62L (L-selectin)
CD127
pStat5 [Y694]
CD123 (IL3R)
TCRgd
pStat1 [Y701]
CD279 (PD-1)
pStat3 [Y705]
CD274 (PD-L1)
CD14
CD90 (Thy-1)
CD11c
CD294 (CRTH2)
CD15 (SSEA-1)
CD16
CD25 (IL-2R)
CD27
CD8
CD33
CD3
pERK 1/2 [T202/Y204]
CD45RA
HLA-DR
p-p38 [T180/Y182]
pS6 [S235/S236]
CD56 (NCAM)
CD11b (Mac-1)

SC2 Core – CyTOF Human Leukemia Panel
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Reactivity
CD45
CD123 (IL-3R)
CD11c
CD19
CD117 (ckit)
CD16
CD64
CD7
CD274 (PD-L1)
CD25 (IL-2R)
CD13 (Aminopeptidase N)
CD10
CD33
CD22
CD14
CD8
BCL-6
CD15 (SSEA-1)
CD56 (NCAM)
CD34
CD38
CD71 (Transferrin Receptor)
CD24
CD3
CD20
CD9
HLA-DR
CD4
CD279 (PD-1)
CD58 (LFA-3)

SC2 Core – CyTOF

Human Tumor Microenvironment Panel

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Reactivity
CD45
CD11c
CD66b
CD197 (CCR7)
CD19
SIGLEC8
CD38
CD163
ASMA
Tbet
HLA-DR
GD2
CD223/LAG-3
CD123 (IL-3R)
CD326 (EpCAM)
CD4
CD31/PECAM-1
CD127 (IL-7Ra)
CD279 (PD-1)
TIM-3
CD274 (PD-L1)
CD14
FAP
C-MYC
N-MYC
CD206 (MMR)
CD15 (SSEA-1)
CD69
CD25 (IL-2R)
CD27
CD8a
CD33
CD3
PHOX2B
CD45RA
CD68
CD194/CCR4
Granzyme B
CD56 (NCAM)
CD16
CD45

SC2 Core – CyTOF

Mouse Tumor Microenvironment Panel

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Reactivity
CD45
CD11b (Mac-1)
GD2
CD25 (IL-2R)
Ly-6G
CD8a
CD19
CD69
ALPHA SMA (acta2)
T-bet (Hs/Ms)
CD140a PDGFRa
CD4
CD366 (Tim-3)
CD206
CD279 PD-1
Ly-6C
CD62L (L-selectin)
FSP1/S100A4
CD223 LAG3
or CD31
CD274 (PD-L1)
CD317 MPDCA1 BST2
FAP
C-MYC
N-MYC
CD170 SiglecF
eomes
FoxP3
CD326/epCAM
LAP (TGFbeta)
CD161 (NK1.1)
CD102 (CCR2)
PDGFRbeta/CD140b
phox2b
CD3e
F4/80
CD44
Granzyme B
MHC Class II (IA/IE)
CD11c