

# Yale CyTOF Antibody Panel Guide

See Ala Nassar for complete reagent inventory

Surface Panel			Cytokine Panel			Signaling Panel		
Metal label	Specificity	Source	Metal label	Specificity	Source	Metal label	Specificity	Source
89Y	CD45	DVS	139La			139La		
139La			141Pr	CCR6	DVS	141Pr	CCR6	DVS
141Pr	CD235ab/CCR6/CD33	DVS/Longwood	142Nd	CD19	DVS	142Nd	CD19	DVS
142Nd	CD19	DVS	143Nd	Anti-Biotin <sup>#</sup>	DVS	143Nd	Anti-Biotin <sup>#</sup>	DVS
143Nd	Anti-Biotin <sup>#</sup>	DVS	144Nd	Anti-FITC <sup>#</sup>	DVS	144Nd	Anti-FITC <sup>#</sup>	DVS
144Nd	CD11b/Anti-FITC <sup>#</sup>	DVS	145Nd	CD4	DVS	145Nd	CD4	DVS
145Nd	CD4	DVS	146Nd	CD8a	DVS/Longwood	146Nd	CD8a	DVS/Longwood
146Nd	CD8a/CD14	DVS/Longwood	147Sm	IL-6	DVS	147Sm	CD20	DVS
147Sm	CD20/CD11c	DVS	148Nd	IL-17A	DVS	148Nd	CD16/CD28	DVS/Longwood
148Nd	CD16/CD28	DVS/Longwood	149Sm	CD25	Longwood	149Sm	CD25	Longwood
149Sm	CD66/CD25/CD45RO	DVS/Longwood	150Nd	Tim-3	Longwood	150Nd	pStat5[pY694]/Ki-67	DVS/Longwood
150Nd	CD38/Tim-3	Longwood	151Eu	CD123	DVS	151Eu	CD123	DVS
151Eu	CD123	DVS	152Sm	TNF	DVS	152Sm		
152Sm			153Eu	CD69/Tim-3/IgD	Longwood	153Eu	pStat1[Tyr701]	DVS
153Eu	CD69/Tim-3/IgD	Longwood	154Sm	CD185(CXCR5)	Longwood	154Sm	CD185(CXCR5)	Longwood
154Sm	CD45/CD185(CXCR5)	DVS/Longwood	155Gd	CD4	Longwood	155Gd	CD4	Longwood
155Gd	CD4/CD27	Longwood/DVS	156Gd	CD86/CD183(CXCR3)	DVS	156Gd	p-p38[T180/Y182]	DVS
156Gd	CD86/CD183(CXCR3)	DVS	157Gd			157Gd		
157Gd			158Gd	IL-22	Longwood	158Gd	pStat3[Y705]	DVS
158Gd	CD33/CCR4/CD3	DVS	159Tb	CCR7	DVS	159Tb	CCR7	DVS
159Tb	CD11c/CCR7	DVS	160Gd	CD14/Anti-FITC <sup>#</sup>	Longwood/DVS	160Gd	CD14/Anti-FITC <sup>#</sup>	Longwood/DVS
160Gd	CD14/Anti-FITC <sup>#</sup>	DVS	161Dy	CD152(CTLA-4)	DVS	161Dy	CD152(CTLA-4)	DVS
161Dy	CD152(CTLA-4)	DVS	162Dy	IL-4/Foxp3/Anti-APC <sup>#</sup>	Longwood	162Dy	Anti-APC <sup>#</sup>	DVS
162Dy	CD80/Anti-APC <sup>#</sup>	DVS	163Dy	Anti-APC <sup>#</sup>	DVS	163Dy	Anti-APC <sup>#</sup>	DVS
163Dy	Anti-APC <sup>#</sup>	DVS	164Dy	CD45RO	DVS	164Dy	CD45RO	DVS
164Dy	CD45RO	DVS	165Ho	IFNγ/Foxp3/Anti-PE <sup>#</sup>	DVS/Longwood	165Ho	Anti-PE <sup>#</sup>	DVS
165Ho	CD61/Anti-PE <sup>#</sup>	DVS	166Er	IL-2/IL10	DVS	166Er	pNK-κB p65[S529]	DVS
166Er			167Er	CD27	DVS	167Er	CD27	DVS
167Er	CD27/CCR7	DVS	168Er	IFNγ	DVS	168Er	CD49d	Longwood
168Er	CD49d	Longwood	169Tm	CD45RA/TCRγδ/IL17A	DVS/Longwood	169Tm	CD45RA/TCRγδ	DVS/Longwood
169Tm	CD45RA/TCRγδ	DVS/Longwood	170Er	CD3	DVS	170Er	CD3	DVS
170Er	CD3	DVS	171Yb	CD127	Longwood	171Yb	CD127	Longwood
171Yb	CD127	Longwood	172Yb	IL-21	DVS	172Yb	CD57	DVS
172Yb	CD38/CD57	DVS	173Yb			173Yb		
173Yb			174Yb	HLA-DR	DVS	174Yb	pStat4[Y693]	DVS
174Yb	HLA-DR/CD62L	DVS/Longwood	175Lu	CD279(PD-1)	DVS	175Lu	pS6 (pS235/236)/pStat6[Y641]	DVS
175Lu	CD279(PD-1)	DVS	176Yb	CD56/IL-10	DVS/Longwood	176Yb	CD56	DVS
176Yb	CD56	DVS	Qdot			Qdot		

## Annotation:

\*Markers in Black have been validated in our facilities; markers in Red indicate user options.

<sup>#</sup>Please note these antibodies can be used with any primary antibody conjugated with corresponding fluorophore or biotin