

Major Resources Table

Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Persistent ID / URL
CD8-APC-Cy7	Biolegend	#301015	1:200	https://www.biolegend.com/en-us/products/apc-cyanine7-anti-human-cd8a-antibody-832
CD14-APC-Cy7	Biolegend	#301819	1:200	https://www.biolegend.com/en-us/products/apc-cyanine7-anti-human-cd14-antibody-3293
CD16-APC-Cy7	Biolegend	#302017	1:200	https://www.biolegend.com/en-us/products/apc-cyanine7-anti-human-cd16-antibody-1904
CD19-APC-Cy7	Biolegend	#302217	1:200	https://www.biolegend.com/en-us/products/apc-cyanine7-anti-human-cd19-antibody-1910?GroupID=BLG10095
CD41-APC-Cy7	Biolegend	#303715	1:200	https://www.biolegend.com/en-us/search-results/apc-cyanine7-anti-human-cd41-antibody-7113
CD56-APC-Cy7	Biolegend	#318331	1:200	https://www.biolegend.com/en-us/search-results/apc-cyanine7-anti-human-cd56-ncam-antibody-7115
CD3-PerCp-Cy5.5	Biolegend	#300429	1:200	https://www.biolegend.com/en-us/products/percp-cyanine5-5-anti-human-cd3-antibody-4214
CD4-Pacific Blue	Biolegend	#300524	1:200	https://www.biolegend.com/en-us/search-results/pacific-blue-anti-human-cd4-antibody-2850?GroupID=BLG7755
CD8-AF700	Biolegend	#301027	1:200	https://www.biolegend.com/en-us/products/alexa-fluor-700-anti-human-cd8a-antibody-3396
CD40L-PE	Thermo Fisher	#12-1548-42	1:100	https://www.thermofisher.com/antibody/product/CD154-CD40-Ligand-Antibody-clone-24-31-Monoclonal/12-1548-42
CD69-BV650	Biolegend	#310933	1:100	https://www.biolegend.com/en-us/products/brilliant-violet-650-anti-human-cd69-antibody-8345

CD25-Pe-Cy7	Biolegend	#302611	1:100	https://www.biolegend.com/en-us/search-results/pe-cyanine7-anti-human-cd25-antibody-1909
OX-40-APC	Biolegend	#350007	1:100	https://www.biolegend.com/en-us/search-results/apc-anti-human-cd134-ox40-antibody-7090
4-1BB-BV605	Biolegend	#309821	1:100	https://www.biolegend.com/en-us/products/brilliant-violet-605-anti-human-cd137-4-1bb-antibody-12103
CCR7-FITC	Miltenyi	#130-117-812	1:200	https://www.miltenyibiotec.com/US-en/products/cd197-ccr7-antibody-anti-human-reafinity-rea108.html#fitc:30-tests-in-60-ul
CD45RA-AF700	Biolegend	#304119	1:200	https://www.biolegend.com/en-us/products/alexa-fluor-700-anti-human-cd45ra-antibody-3421
TNF-BV650	Biolegend	#502937	1:50	https://www.biolegend.com/en-us/products/brilliant-violet-650-anti-human-tnf-alpha-antibody-7680
IFN γ -Pe-Cy7	Biolegend	#502527	1:50	https://www.biolegend.com/en-us/products/pe-cyanine7-anti-human-ifn-gamma-antibody-5939?GroupID=BLG10006
IL-4-PE-Dazzle594	Biolegend	#500831	1:50	https://www.biolegend.com/en-us/products/pe-dazzle-594-anti-human-il-4-antibody-10216
IL-17A-APC	eBioscience	#17-7179-42	1:50	https://www.thermofisher.com/antibody/product/IL-17A-Antibody-clone-eBio64DEC17-Monoclonal/17-7179-42
IL-10-AF488	Biolegend	#501413	1:50	https://www.biolegend.com/en-us/products/alexa-fluor-488-anti-human-il-10-antibody-2746?GroupID=GROUP24
CD40L-PE	BD Biosciences	#555700	1:50	https://www.bdbiosciences.com/en-us/products/reagents/flow-cytometry-reagents/research-reagents/single-color-antibodies-ruo/pe-mouse-anti-human-cd154.555700
HLA-DR-BV785	Biolegend	#307641	1:200	https://www.biolegend.com/en-us/products/brilliant-violet-785-anti-human-hla-dr-antibody-7975

HLA-DP-PE	BD Biosciences	#566825	1:200	https://wwwbdbiosciences.com/en-us/products/reagents/flow-cytometry-reagents/research-reagents/single-color-antibodies-ruo/pe-mouse-anti-human-hla-dp.566825
IFN γ mAb, purified	Mabtech	3420-3-250	5 μ g/ml	https://www.mabtech.com/products/anti-human-ifn-gamma-antibody-1-d1k-purified-3420-3
IFN γ mAb, biotinylated	Mabtech	3420-6-250	1 μ g/ml	https://www.mabtech.com/products/anti-human-ifn-gamma-antibody-7-b6-1-biotinylated-3420-6
CD40/TNF RSF5	Novus Biologicals	NBP2-52697	1 μ g/ml	https://www.novusbio.com/products/cd40-tnfrsf5-antibody-g285_nbp2-52697
purified anti-human HLA-DR, DP, DQ (clone Tu39)	BD Biosciences	555557	20 μ g/ml	https://wwwbdbiosciences.com/en-us/products/reagents/flow-cytometry-reagents/research-reagents/single-color-antibodies-ruo/purified-mouse-anti-human-hla-dr-dp-dq.555557
Human TruStain FcX™	Biolegend	422302	1:75	https://www.biolegend.com/en-us/products/human-trustain-fcx-fc-receptor-blocking-solution-6462

Other (Peptide pools, cell culture reagents, assay kits, buffers and reagents)

Description	Vendor	Catalog #	Persistent ID / URL
CEFX Ultra SuperStim Pool MHC-II Subset	JPT Peptide Technologies	PM-CEFX-3	https://www.jpt.com/cefx-ultra-superstim-pool-mhc-ii-subset/PM-CEFX-3
PepMix™ Human (Actin)	JPT Peptide Technologies	PM-ACTS	https://www.jpt.com/pepmix-human-actin/PM-ACTS
Phytohemagglutinin-L	eBioscience	00-4977-03	https://www.thermofisher.com/order/catalog/product/00-4977-03
ImmunoCult™ Human CD3/CD28 T Cell Activator	Stemcell	10971	https://www.stemcell.com/products/immunocult-human-cd3-cd28-t-cell-activator.html
Dimethyl sulfoxide	Millipore Sigma	D2650	https://www.sigmaaldrich.com/US/en/product/sigma/d2650

Ficoll® Paque Plus	Millipore Sigma	GE17-1440-03	https://www.sigmaaldrich.com/US/en/product/sigma/ge17144003
CryoStor® CS10	Stemcell	07930	https://www.stemcell.com/cryostor-cs10.html
TexMACS™	Miltenyi Biotec	130-097-196	https://www.miltenyibiotec.com/US-en/products/texmacs-medium.html#gref
Protein Transport Inhibitor	eBioscience	00-4980-03	https://www.thermofisher.com/order/catalog/product/00-4980-03
Ghost Dye™ Violet 510	Tonbo	13-0870-T500	https://tonbobio.com/products/ghost-dye-violet-510
IC Fixation Buffer	eBioscience	00-8222-49	https://www.thermofisher.com/order/catalog/product/00-8222-49
Permeabilization Buffer (10X)	eBioscience	00-8333-56	https://www.thermofisher.com/order/catalog/product/00-8333-56
UltraComp eBeads™	Invitrogen	01-2222-42	https://www.thermofisher.com/order/catalog/product/01-2222-42
Bovine Serum Albumin	Millipore Sigma	A9647	https://www.sigmaaldrich.com/US/en/product/sigma/a9647
TWEEN® 20	Millipore Sigma	P1379	https://www.sigmaaldrich.com/US/en/product/sigma/p1379
N,N-Dimethylformamide	Millipore Sigma	D4551	https://www.sigmaaldrich.com/US/en/product/sigma/d4551
3-Amino-9-ethylcarbazole	Millipore Sigma	A6926	https://www.sigmaaldrich.com/US/en/product/sigma/a6926
VECTASTAIN® Elite ABC-HRP Kit, Peroxidase	Vector laboratories	PK-6100	https://vectorlabs.com/products/abc-kits/vectastain-elite-abc-hrp-kit-standard
Hydrogen peroxide solution	Millipore Sigma	H1009	https://www.sigmaaldrich.com/US/en/product/sigma/h1009
CellTrace™ CFSE Cell Proliferation Kit	Invitrogen	C34554	https://www.thermofisher.com/order/catalog/product/C34554
Human Th1/Th2/Th17 cytokine kit	BD Biosciences	560484	https://wwwbdbiosciences.com/en-us/products/reagents/immunoassay-reagents/cba/cba-kits/human-th1-th2-th17-cba-kit.560484