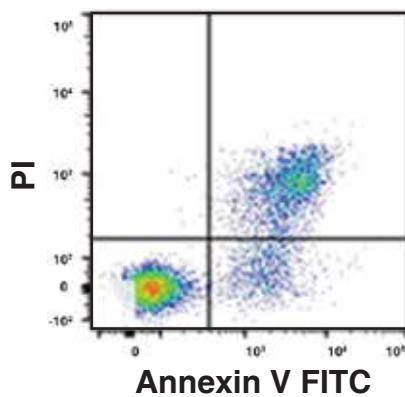


# Flow Cytometry Reagents

## Enabling Reproducible Science

Flow cytometry is a critical technique in research and diagnostics that provides invaluable insight into cellular population dynamics. Insights into cell proliferation, cell viability and apoptosis, and the immunophenotypes of the cells in your samples are critical to understanding the response to challenges by pathogens, cancer, auto-immunity, and depletion of specific cellular populations. Our cost-effective flow cytometry products include everything from high quality, ultra-filtered sheath fluid and buffers in various formulations to monoclonal antibodies conjugated with a variety of fluorescent dyes designed to immunophenotype cell populations.

### High Performance



Jurkat cells treated with anti-Fas antibody to induce apoptosis were stained with Annexin V and propidium iodide (Leinco Product #A432) for cell viability flow cytometry analysis.

**Bottom right quadrant:** Viable cells undergoing early apoptosis

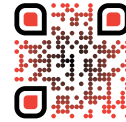
**Top right quadrant:** Cells that are in late-stage apoptosis

### Immunophenotyping Solutions For:

#### *In vivo* Functional



#### Biosimilars



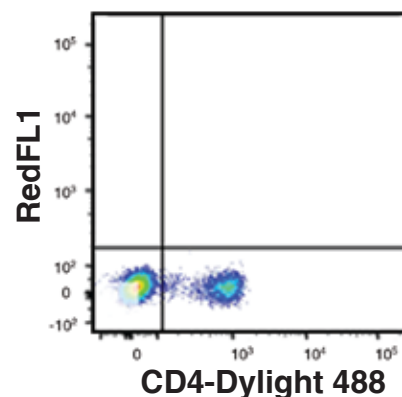
#### Cell Depletion



#### Immune Checkpoints



### High Quality



Flow cytometry analysis of splenocytes from C57BL/6 mice gated on lymphocytes and stained with CD4-DyLight 488 clone GK1.5 (Leinco Product #C1636).

Apoptosis and Viability	Part No.
7-AAD Viability Staining Solution	A431
Annexin V – FITC	A434
Annexin V, Human	A436
Annexin V – FITC Apoptosis Detection Kit	A432
Annexin V Binding Buffer	A433
Propidium iodide (PI)	P367

Buffers	Part No.
10X DPBS, no calcium, no magnesium	D388
10X Fixative Buffer	F1194
HEPES buffered saline with EDTA (10X)	H1679
PBS, 10X Sterile	P349
PBS, 1X Sterile	P364
FCM Staining Buffer (BSA) (10X)	F1175
RBC Lysing Buffer 'Ready to Use'	R1364

Sheath Fluid	Part No.
10X ClearFlow™ Sheath Fluid	S622
10X Preservative Free ClearSort™ Sheath Fluid	S632
1X ClearSort™ Saline Solution NS	P373
1X Preservative Free ClearSort™ Sheath Fluid	S648
1X ClearFlow™ Sheath Fluid	S621 *
ClearFlow™ Sheath Fluid with Surfactant	S644 *

\* New PALLET20 and PALLET30 Sizes Available!

Mouse TCR & Human MHC Antibodies	Clones
Anti-Mouse β (TCR)	H57-597
Anti-Mouse γ/δ (TCR)	UC7-13D5
Anti-Mouse Vγ 2 (TCR)	UC3-10A6
Anti-Mouse H-2Kb (MHC Class I)	Y-3
Anti-Human HLA A2,B7 (MHC Class I)	BB7.6
Anti-Human HLA-A, B, C Monomorphic	W6/32
Anti-Human HLA-DP Monomorphic	B7/21
Anti-Human HLA-DQ Monomorphic	1a3
Anti-Human HLA-DR Monomorphic	L243

# Select Antibodies for Immunophenotyping

See our comprehensive list on our website

Human Immunoglobulins	Clones
Anti-Human IgE	121
Anti-Human IgG Fc Specific	HP6043
Anti-Human IgM $\mu$ -Chain Specific	HB57
Anti-Human Kappa	HP6156
Anti-Human Lambda	HP6054

Human FC Antibodies	Clones
Anti-Human CD3	UCHT-1, 17A2, HIT3a
Anti-Human CD4	RPA-T4
Anti-Human CD5	UCHT-2
Anti-Human CD7 (gp40)	WM31, T3-3A1
Anti-Human CD8	UCHT-4
Anti-Human CD10 (CALLA)	SJ5-1B4
Anti-Human CD11a (LFA-1a)	38
Anti-Human CD11b (Mac-1)	44
Anti-Human CD11c (CR4)	3.9
Anti-Human CD13 (Myeloid Cells)	22A5
Anti-Human CD14 (Monocytes)	UCHM-1
Anti-Human CD15 (Granulocytes)	TG1
Anti-Human CD16 (Fc $\gamma$ RIIIA)	3G8, GRM1
Anti-Human CD18 (ITGB2)	1B4
Anti-Human CD19 (Pan B-Cells)	SJ25-C1
Anti-Human CD20	2H7, 10F381, GA101
Anti-Human CD22 (Siglec-2)	RFB-4
Anti-Human CD38	OKT10
Anti-Human CD44 (HCAM)	IM7, E1/2, F10-44-2
Anti-Human CD45 (LCA)	F10-89-4, T29/33
Anti-Human CD55 (DAF)	143-30
Anti-Human CD56 (NCAM)	MEM-188
Anti-Human CD61 (ITGB3)	F11, PM6/13
Anti-Human CD68	KP1
Anti-Human CD90 (Thy1)	F15-42-1
Anti-Human CD117 (SCF R/c-kit)	Poly
Anti-Human CD123 (IL-3Ra)	32703
Anti-Human CD151 (PETA-3)	50-6

FC Blocking Antibodies	Part No.
Anti-Mouse CD32/CD16	C247
Human RealStain Fc Block Solution	R5151

Mouse FC Antibodies	Clones
Anti-Mouse CD3e	500A2
Anti-Mouse CD4	GK1.5
Anti-Mouse CD8a (Ly 2.2)	53-6.7, 2.43
Anti-Mouse CD11a (LFA-1a)	I21/7, FD441.8
Anti-Mouse CD11b (Mac-1)	M1/70
Anti-Mouse CD11c (CR4)	N418
Anti-Mouse CD19 (Pan B-Cells)	1D3
Anti-Mouse CD24 (HSA, Nectadrin)	R7129.7, M1/69
Anti-Mouse CD28	37.51
Anti-Mouse CD32/CD16	2.4G2
Anti-Mouse CD34	HM34, MEC14.7
Anti-Mouse CD45 (LCA)	I3/2.3
Anti-Mouse CD45R (B220)	RA3-6B2
Anti-Mouse CD48 (BCM1)	HM48-1
Anti-Mouse CD62L (L-selectin)	MEL-14
Anti-Mouse CD64 (FCGR1)	X54-5/7.1
Anti-Mouse CD80 (B7-1)	16-10A1
Anti-Mouse CD86 (B7-2)	GL1
Anti-Mouse CD115 (CSF-1R)	AFS98
Anti-Mouse CD122 (IL-2R $\beta$ )	TM-b1
Anti-Mouse CD127 (IL-7Ra)	A7R34
Anti-Mouse CD135 (Flt3)	Poly
Anti-Mouse CD170 (Siglec F)	E50-2440
Anti-Mouse CD249 (Pre-B Cells)	BP-1
Anti-Mouse Gr-1 (Ly-6G/Ly-6c)	RB6-8C5
Anti-Mouse Integrin $\beta$ 7 (ITGB7)	FIB504
Anti-Mouse Ly-6A/E (Sca-1)	38/42
Anti-Mouse Ly-6G	18A
Anti-Mouse Ly-6C	HK1.4, 7B10
Anti-Mouse NK1.1	PK136
Anti-Mouse Ter119	TER-119

Scan the QR code below for the latest product updates and product information!

