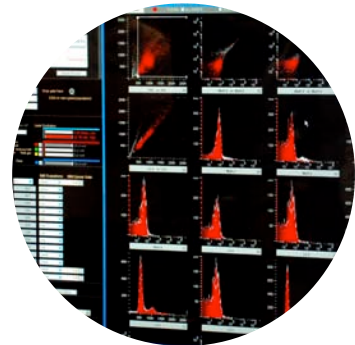




TM
**Leinco
Technologies, Inc.**



Flow Cytometry



excellence in early discovery researchTM

Flow Cytometry



Leinco Technologies has been a premier developer and manufacturer of innovative flow cytometry reagents since 1992. Our flow cytometry products have applications in a broad range of fields, including molecular biology, cell biology, pathology, immunology and cancer research. Antibodies that specifically bind to intracellular antigens or cell surface receptors can be optimally tagged with a variety of fluorescent dyes to allow for multicolor analysis of cellular subsets.



Leinco Technologies' legendary **Easy-Lyse™** Whole Blood Erythrocyte Lysing Kit has been designed to gently lyse erythrocytes while maintaining exquisite populations of leukocytes.

We offer a wide range of DyLight®, biotin-, FITC-, R-PE-, APC- and PerCP-conjugated monoclonal antibodies designed to immunophenotype cell populations.

When performance and results are critical, researchers turn to Leinco Technologies for their key research tools.

Commonly Used Fluorophores Available

Reporter Molecule	MW (g/mol) ($\times 10^{-3}$)	Abs. Max. (nm)	ϵ ($M^{-1} \text{ cm}^{-1}$)	Em. Max (nm)
Allophycocyanin (APC)	104	650	700,000	660
Fluorescein (FITC)	0.473	495	74,000	519
R-Phycoerythrin (R-PE)	240	565.5	1,960,000	578
Texas Red	0.817	583	116,000	603
PerCP	35	482	40,600	675
DyLight® 488	0.08	493	70,000	518
DyLight® 549	1.007	562	150,000	576
DyLight® 594	1.059	593	80,000	618
DyLight® 649	1.033	654	250,000	673

Note: Depending upon excitation and emission requirements, a variety of other reporter molecules are available to be custom conjugated to antibodies or proteins.

Flow Cytometry Reagents*

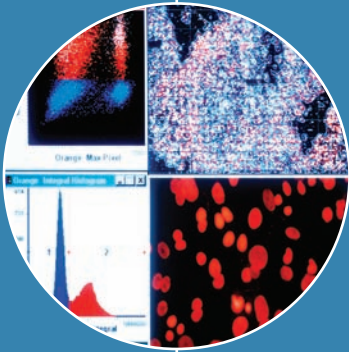
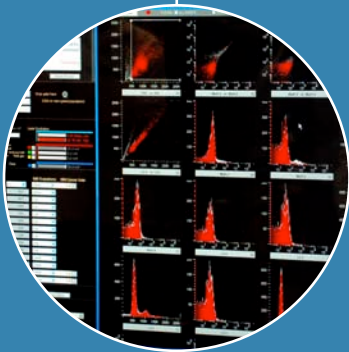
* The following is a non-inclusive list of our products. For a complete listing of all available reagents, please visit our website at Leinco.com or contact us today at (800) 538-1145.

PRODUCT #	SURFACETAG™ HUMAN CD MARKERS	CLONE
C109	Anti-Human CD2	G11
C105	Anti-Human CD3	UCHT-1
C121	Anti-Human CD4	RPA-T4
C113	Anti-Human CD5	UCHT-2
C117	Anti-Human CD8	UCHT-4
C137	Anti-Human CD10 (CALLA)	SJ5-1B4
C171	Anti-Human CD11a (LFA-1 α Subunit Integrin α M β 2)	38
C133	Anti-Human CD11b (Mac-1 Integrin α M β 2)	44
C145	Anti-Human CD11c (gp 150/95)	3.9
C149	Anti-Human CD13 (Myeloid Cells)	2245
C153	Anti-Human CD14 (Monocytes)	UCHM-1
C157	Anti-Human CD15 (Granulocytes)	TG1
C141	Anti-Human CD19 (Pan B-Cells)	SJ25-C1
C1602	Anti-Human CD20	2H7
C179	Anti-Human CD22	RFB-4
C187	Anti-Human CD41 (gp IIb/IIIa)	M148
C183	Anti-Human CD44 (Pgp-1)	E1/2
C129	Anti-Human CD45RO	UCHL-1
C167	Anti-Human ICAM-1 (CD54)	15.2
C175	Anti-Human CD56 (NCAM)	ERIC-1
C287	Anti-Human CD57/HNK-1 (Natural Killer Cells)	VC1.1
C191	Anti-Human CD61 (Integrin β 3)	F11
C163	Anti-Human CD71 (Transferrin Receptor)	T56/14

PRODUCT #	SURFACETAG™ MOUSE CD MARKERS	CLONE
C207	Anti-Mouse CD3 ϵ	500A2
C211	Anti-Mouse CD4	GK1.5
C215	Anti-Mouse CD8a (Ly 2) (All Alleles)	53-6.7
C297	Anti-Mouse CD8a (Ly 2.2)	2.43
C223	Anti-Mouse CD11a (LFA-1 α)	I21/7
C239	Anti-Mouse CD11a (LFA-1 α)	FD441.8
C227	Anti-Mouse CD11b (Mac-1 α M chain)	M1/70
C231	Anti-Mouse CD18 (LFA-1, Integrin β 2 Chain)	C71/16
C235	Anti-Mouse CD24 (Heat Stable Antigen, Nectadrin)	R7129.7
C243	Anti-Mouse CD28	37.58
C247	Anti-Mouse CD32/CD16 (Fc γ II/III Receptor)	YT1.24
C255	Anti-Mouse CD45 (LCA) (Leukocyte Common Antigen)	I3/2.3
C263	Anti-Mouse CD45RB	16A
C275	Anti-Mouse CD71 (Transferrin Receptor)	R17217
C279	Anti-Mouse CD90 (Thy 1) (Activating)	HK2.1
C271	Anti-Mouse CD90 (Thy 1, non-polymorphic)	T24/31
C283	Anti-Mouse CD90 (Thy 1.2)	30-H12
D104	Anti-Mouse Dendritic Cells	33D1
G100	Anti-Mouse Granulocytes (Ly-6G, LY-6C, Gr-1, Myeloid)	RB6-8C5
C267	Anti-Mouse ICAM-1	BE29G1
C1189	Anti-Mouse IL-2 R α	PC61
I-401	Anti-Mouse Interferon α / β Receptor (IFNAR1/CD118)	MAR1-5A3
L126	Anti-Mouse Ly-6C (Activating)	HK1.4
L131	Anti-Mouse Ly-6C (Non-Activating)	7B10
N106	Anti-Mouse Natural Killer Cells	PK136
B100	Anti-Mouse Pre B-Cells	BP-1
S102	Anti-Mouse Sca-1 (Ly-6A/E, Stem Cells)	38/42
T137	Anti-Mouse ThB	114.8.1
C251	Anti-Mouse/Human CD44 (Pgp-1, Ly-24, H-CAM)	IM7
C259	Anti-Mouse/Human CD45R (B220) (Pan B-Cell)	RA3-6B2



For specific information on each reagent please visit www.Leinco.com



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