



Product Datasheet

Biotin Anti-Human CD11a Antibody [TS1/22.1.1.13]

Catalogue Code: AGEL0234

Antibody Data

Product SKU:	AGEL0234	Clone:	TS1/22.1.1.13
Applications:	FCM		
Reactivity:	Human		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	Integrin alpha-L;Itgal;CD11 antigen-like family member A;LFA-1A;Lymphocyte antigen 15;Ly-15;CD11a;
Uniprot ID:	P20701
Background:	CD11a is a 170-180 kD type I transmembrane glycoprotein also known as LFA-1 α chain and integrin α L subunit. CD11a non-covalently associates with integrin β 2 (CD18) to form LFA-1. It is expressed on all leukocytes, including B and T lymphocytes, monocytes, macrophages, neutrophils, basophils and eosinophils. It is absent on non-hematopoietic tissues and platelets. CD11a plays a central role in leukocyte cell-cell interactions and is important in lymphocyte costimulation. CD11a/CD18 binds to ICAM-1 (CD54), ICAM-2 (CD102), and ICAM-3 (CD50).
Form:	Liquid
Conjugation:	Biotin
Size:	25 μ g, 100 μ g
Host Species:	Mouse
Isotype:	Mouse IgG1, κ
Isotype Control:	Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL0234]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in $100 \mu\text{L}$ volume or $100 \mu\text{L}$ of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
