

Product datasheet for **AM05207FC-N**

CD11a (ITGAL) Mouse Monoclonal Antibody [Clone ID: OFYS]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OFYS
Applications:	FC
Recommended Dilution:	Flow Cytometry. Characterization of LFA-1 immunodeficiency. Monitoring of subsets in peripheral blood. Graft-versus-host disease. Analysis of CTL-mediated cytotoxicity. Studies of transplantation rejection. Functional studies of cell adhesion molecules.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	This antibody reacts with LFA-1 alpha. This antibody blocks cell-cell adhesion and adhesion mediated events such as cell mediated cytotoxicity.
Formulation:	PBS containing 0.2% protein carrier and 0.08% Sodium Azide as preservative. Label: FITC State: Liquid purified IgG fraction.
Concentration:	lot specific
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C. Do Not Freeze!
Stability:	Shelf life: One year from despatch.
Gene Name:	integrin subunit alpha L
Database Link:	Entrez Gene 3683 Human P20701



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Background:	CD11a, Leukocyte Function Antigen-1 (LFA-1) complex is a heterodimeric glycoprotein consisting of two non-covalently linked chains, a 180 kDa alpha chain and a 95 kDa beta chain. It is a member of the integrin supergene family of adhesion molecules, and is on virtually all peripheral blood leukocytes. The molecule binds to ICAM-1, 2 and 3 and mediates cell-cell adhesion.
Synonyms:	Integrin alpha-L, LFA1, LFA-1
Note:	<p>Protocol: PBMC: Add 10 ul of MAB/10e6 PBMC in 100 ul PBS. Mix gently and incubate for 15 minutes at 2-8°C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.</p> <p>WHOLE BLOOD: Add 10 ul of MAB/100 ul of whole blood. Mix gently and incubate for 15 minutes at room temperature (20°C). Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturers instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.</p>