

43-1013: Monoclonal Antibody to Mouse CD11a NALE™ Purified (Clone: M17/4)

Clonality :	Monoclonal
Clone Name :	M17/4
Application :	FACS
Reactivity :	Mouse
Gene :	Itgal
Uniprot ID :	P24063
Alternative Name :	Lfa-1, Ly-15, CD11 antigen-like family member A, Leukocyte adhesion glycoprotein LFA-1 alpha chain, Leukocyte function-associated molecule 1 alpha chain, Lymphocyte antigen 15
Isotype :	Rat IgG2a, kappa

Description

The M17/4 monoclonal antibody specifically reacts with mouse CD11a, a 180 kDa glycoprotein. CD11a is the integrin alpha L chain that forms with CD18 the heterodimer molecule Lymphocyte Function-associated Antigen-1 (LFA-1). LFA-1 is expressed on all leukocytes and is involved in intercellular adhesions. The M17/4 antibody blocks many of the LFA-1 mediated cell interaction and in vivo it prolongs allograft survival, inhibits the autoimmune response, and reduces graft versus host reactions.

Product Info

Amount :	500 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.