

43-1047: Monoclonal Antibody to Mouse CD18 NALE™ Purified (Clone: M18/2)

Clonality :	Monoclonal
Clone Name :	M18/2
Application :	FACS
Reactivity :	Mouse
Gene :	Itgb2
Gene ID :	16414
Uniprot ID :	P11835
Alternative Name :	Cell surface adhesion glycoproteins LFA-1/CR3/p150,95 subunit beta, Complement receptor C3 subunit beta
Isotype :	Rat IgG2a, kappa

Description

The M18/2 monoclonal antibody specifically binds to mouse CD18, a 95 kDa integrin beta 2 glycoprotein. CD18 is expressed on all leukocytes with the highest density by NK and T cells. CD18 forms LFA-1 with CD11a, Mac-1 with CD11b and gp150/95 with CD11c. Through these interactions, CD18 has an important role in cellular adhesion. The M18/2 antibody is reported to stimulate Mac-1 and LFA-1 adhesion to their ligands and block tumor cell metastasis.

Product Info

Amount :	50 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.