

43-1021: Monoclonal Antibody to Mouse CD2 NALE™ Purified (Clone: RM2-5)

Clonality :	Monoclonal
Clone Name :	RM2-5
Application :	FACS
Reactivity :	Mouse
Gene :	Cd2
Gene ID :	12481
Uniprot ID :	P08920
Alternative Name :	LFA-2, LFA-3 receptor, Lymphocyte antigen 37, T-cell surface antigen T11/Leu-5, Ly-37
Isotype :	Rat IgG2b, lambda

Description

The RM2-5 monoclonal antibody specifically binds to mouse CD2, a member of the Ig superfamily and type I transmembrane glycoprotein. CD2 is expressed on B cells, T cells, NK cells, and thymocytes and its ligand is CD48. It may be involved in immunoregulation, thymocyte maturation, and T-cell activation. The RM2-5 antibody has been reported to block CD2 mediated cell to cell adhesion.

Product Info

Amount :	100 µg
Content :	2.0 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.