

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.