9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

43-1020: Monoclonal Antibody to Human CD2 NALE™ Purified (Clone: RPA-2.10)

Clonality :	Monoclonal
Clone Name :	RPA-2.10
Application :	FACS
Reactivity :	Human
Gene :	CD2
Gene ID :	914
Uniprot ID :	P06729
Alternative Name :	Erythrocyte receptor, LFA-2, LFA-3 receptor, Rosette receptor, T-cell surface antigen T11/Leu-5, SRBC
Isotype :	Mouse IgG1, kappa

Description

The RPA-2.10 monoclonal antibody specifically binds to human CD2, a 50 kDa type I transmembrane glycoprotein. CD2 is expressed on NK cells, thymocytes, T lymphocytes, and B cell subsets. CD2 is involved in cell-cell adhesion, T cell activation, and T cell signaling. Its ligand is CD58 and it is reported to bind to CD48, CD59, and CD15. The RPA-2.10 antibody is reported to be cross-reactive with pigs and non-human primates.

Product Info

Amount :	50ug / 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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.