CD2 Antibody [RPA-2.10]

Catalog Number: 76-186

Human peripheral blood lymphocytes were stained with FITC RPA-2.10 with relevant isotype control in Red.

Specifications

**Species Reactivity:** Human

**Tested Applications:** FACS, Func

**User Note:** Optimal dilutions for each application to be determined by the researcher.

**Specificity:** The RPA-2.10 monoclonal antibody specifically binds to human CD2, a 50 kDa type I transmembrane glycoprotein.

**Host Species:** Mouse

Properties

**Purification:** 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.

**Physical State:** Liquid

**Buffer:** Phosphate-buffered aqueous solution, pH 7.2.

**Concentration:** 1 mg/mL

**Storage Conditions:** The product should be stored undiluted at 4°C. Do not freeze.

**Clonality:** Monoclonal

**Isotype:** Mouse IgG1, kappa

**Conjugate:** Unconjugated

Additional Info

**Alternate Names:** T11, SRBC, LFA-2, CD2

**Official Symbol:** CD2

**Gene ID:** 914

Background

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.

REFERENCES:


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