



Mouse anti CD2 Monoclonal Antibody

Alternative Name(s): T11; SRBC; LFA-2

Order Information

- **Description:** CD2
- **Catalogue:** 605-270
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** RPA-2.10
- **Application:** IHC(P), FC
- **Reactivity:** Hu

ANTIGEN PREPARATION

A recombinant protein of human CD2

BACKGROUND

CD2 is a 50 kD type I transmembrane glycoprotein surface antigen found on all peripheral blood T-cells. It is also known as LFA-2, T11, and sheep red blood cell receptor (SRBC-R). CD2 interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. CD2 has also been reported to bind CD48, CD59, and CD15. CD2 plays a critical role in alternative T cell activation, T cell signaling, and cell-cell adhesion.

PURIFICATION

The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes human CD2 protein. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: 0.5-5 µg/10⁶ cells
- Molecular Weight: 50.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

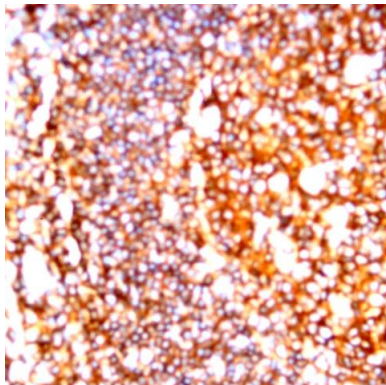
*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com



DATA ATTACHMENTS



Immunohistochemistry: Human Tonsil (FFPE) stained with Mouse anti-CD2 (Cat# 605-270) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com