



Mouse anti CD371 Monoclonal Antibody

Alternative Name(s): CLL1, MICL, CLL-1, DCAL-2, C-type lectin domain family 12 member A, CD371

Order Information

- **Description:** CD371
- **Catalogue:** 606-730
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** 50C1
- **Application:** FC
- **Cross Reactivity:** Hu

ANTIGEN PREPARATION

Recombinant protein of human CD371

BACKGROUND

CD371 is a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. CD371 is also known as CLEC12A, DCAL-2, MICL or CLL-1, It is a 30 kD type II transmembrane protein. It plays roles in cell adhesion, cell-cell signaling, glycoprotein turnover, and in inflammation and immune response. CD371 is expressed on monocytes, granulocytes, NK cells, and basophils. Its cytoplasmic ITIM motif modulates signaling cascades and is involved in phosphorylation of tyrosine residues in MAP kinases.

PURIFICATION

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

FORMULATION

0.01M Phosphate-Buffered Saline (pH7.2-7.4) with 0.01% NaN₃ + antibody stabilizer

SPECIFICITY

This antibody recognizes human CD371. 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: 5-10 µg/10⁶ cells
- MW (kDa): 32 kDa
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

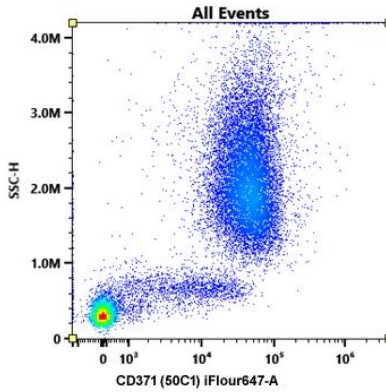
*Optimal dilutions should be determined by researchers for the specific applications.

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



Flow Cytometry: Human PBMC (100 ul) stained with fluorescence labeled mouse anti CD371 (Cat# 606-730) (5 ul) for 20 min @ RT

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