



Mouse anti CD73 Monoclonal Antibody

Alternative Name(s): Ecto-5'-nucleotidase, E.C3.1.3.5, L-VAP-2, NT5E, 5'-NT

Order Information

- **Description:** CD73
- **Catalogue:** 606-640
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** AD2
- **Application:** FC
- **Cross Reactivity:** Hu

ANTIGEN PREPARATION

Recombinant protein of human CD73

BACKGROUND

CD73 is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. This protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries.

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 CD73. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three months 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): 70 kDa
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

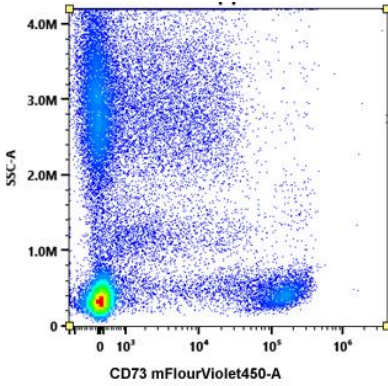
*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Flow Cytometry: Human PBMC (100 ul) stained with fluorescence labeled mouse anti CD73 (Cat# 606-640) (5 ul) for 20 min @ RT

REFERENCES

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