



Mouse anti CD43 Monoclonal Antibody

Alternative Name(s): nan

Order Information

- **Description:** CD43
- **Catalogue:** 603-990
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** DFT-1
- **Application:** IHC(P), FC
- **Reactivity:** Hu

ANTIGEN PREPARATION

A cell membrane prep from K562.

BACKGROUND

highly sialylated glycoprotein that functions in antigen-specific activation of T cells, and is found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It contains a mucin-like extracellular domain, a transmembrane region and a carboxy-terminal intracellular region. The extracellular domain has a high proportion of serine and threonine residues, allowing extensive Oglycosylation, and has one potential N-glycosylation site, while the carboxy-terminal region has potential phosphorylation sites that may mediate transduction of activation signals. Different glycoforms of this protein have been described. In stimulated immune cells, proteolytic cleavage of the extracellular domain occurs in some cell types, releasing a soluble extracellular fragment. Defects in expression of this gene are associated with Wiskott-Aldrich syndrome.

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 CD43 protein. 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 month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 $\mu\text{g}/\text{ml}$
- ELISA: 0.01-0.1 $\mu\text{g}/\text{ml}$
- Immunoprecipitation: 2-5 $\mu\text{g}/\text{ml}$
- IHC: 2-10 $\mu\text{g}/\text{ml}$
- Flow cytometry: 0.5-5 $\mu\text{g}/10^6$ cells
- Molecular Weight: 110.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

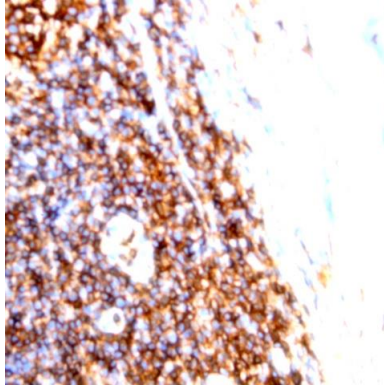
*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Immunohistochemistry: Human Tonsil (FFPE) stained with Mouse anti-CD43 (Cat# 603-990) 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

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