



## Mouse anti CD75s Monoclonal Antibody

Alternative Name(s): CDw76, CD75s

### Order Information

- **Description:** CD75s
- **Catalogue:** 605-740
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** CRIS-4
- **Application:** IHC(P), FC
- **Reactivity:** Hu

### **ANTIGEN PREPARATION**

A recombinant protein of human CD75s

### **BACKGROUND**

CD75s-ganglioside is a type II ganglioside previously named Neu5Ac $\alpha$ 6Gal $\beta$ 4GlcNAc $\beta$ 3Gal $\beta$ 4Glc $\beta$ 1Cer. Structural analysis of gangliosides from liver metastases of a human pancreatic adenocarcinoma revealed, besides sialyl Lewis $\alpha$ - and sialyl Lewis $\times$ -gangliosides, the expression of CD75s. CD75s is a receptor for the anticancer drug rViscumin.

It was shown that CD75s is a marker of murine CD8(+) suppressor T cells.

### **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 CD75s protein. The other species are not tested.

### **STORAGE**

The antibodies are stable for 24 months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . The antibodies can be stored at  $2^{\circ}\text{C}$ - $8^{\circ}\text{C}$  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: 43-85
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

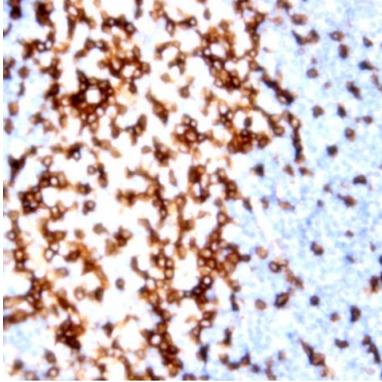
\*Optimal dilutions should be determined by researchers for the specific applications.

### **FOR RESEARCH USE ONLY.**

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## DATA ATTACHMENTS



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