



## Mouse anti HA Tag (YPYDVPDYA) Monoclonal Antibody

Alternative Name(s): nan

### Order Information

- **Description:** HA Tag (YPYDVPDYA)
- **Catalogue:** 605-860
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** 5B1D10
- **Application:** IHC(P), WB
- **Reactivity:** Hu

### **ANTIGEN PREPARATION**

A synthetic peptide YPYDVPDYA

### **BACKGROUND**

Human influenza hemagglutinin (HA) is a 63kDa surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA-molecule corresponding to amino acids 98-106. Influenza hemagglutinin tag is one of the most widely used epitope tags that can be used in various techniques. Adding a HA tag to a protein of interest is quite helpful to get rapid and cost less information regarding its localization, its expression or its biological function. The HA tag has been used as an epitope tag in expression vectors and assists in the detection, isolation, and purification of proteins.

### **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 HA Tag (YPYDVPDYA) tagged protein.

### **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  $\mu\text{g/ml}$
- ELISA: 0.01-0.1  $\mu\text{g/ml}$
- Immunoprecipitation: 2-5  $\mu\text{g/ml}$
- IHC: 2-10  $\mu\text{g/ml}$
- Flow cytometry: Not tested
- Molecular Weight: nan
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

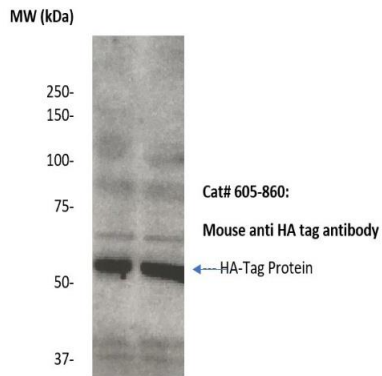
\*Optimal dilutions should be determined by researchers for the specific applications.

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

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## DATA ATTACHMENTS



Western Blot: The recombinant HA-tagged protein (10 ug/lane) immunoblotted by mouse anti HA (YPYDVPDYA) (Cat# 605-860) at 1:500. Observed THE major immunoreactive band corresponding to the HA-tagged protein.

## REFERENCES

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