



## Mouse anti MAGE1 Monoclonal Antibody

Alternative Name(s): nan

### Order Information

- **Description:** MAGE1
- **Catalogue:** 606-020
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** MA454
- **Application:** IHC(P), WB
- **Reactivity:** Hu, Rat,

### **ANTIGEN PREPARATION**

A recombinant protein MAGE1

### **BACKGROUND**

MAGE-I gene encodes a human melanoma antigen, recognized by syngeneic cytotoxic T lymphocytes (CTL). MAGE-I transcripts are also detectable in breast cancers, in non-smallcell lung carcinomas and in central nervous system tumors. It was also found in gastric, colorectal, ovarian, renal cell carcinomas.

### **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 MAGE1 protein. 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: Not tested
- Molecular Weight: 34-40
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

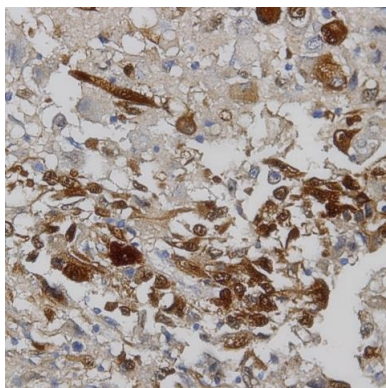
\*Optimal dilutions should be determined by researchers for the specific applications.

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

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## DATA ATTACHMENTS



Immunohistochemistry: Human melanoma (FFPE) stained with Mouse anti-MAGE1 (Cat# 606-020) 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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