



## **Mouse anti Mitochondria Monoclonal Antibody**

**Alternative Name(s): Mitochondria**

### **Order Information**

- **Description:** Mitochondria
- **Catalogue:** 500-5204
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** ABM198
- **Application:** IHC(P)
- **Reactivity:** Hu

### **ANTIGEN PREPARATION**

Semi-purified Mitochondrial Preparation.

### **BACKGROUND**

This antibody recognizes 60 kDa of Non-glycosylated protein component of mitochondria from human cells. It reacts with human. The other species are not tested.

### **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 Mitochondria. The other species 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: >250
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

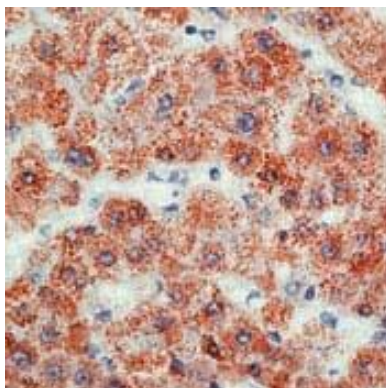
\*Optimal dilutions should be determined by researchers for the specific applications.

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

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## DATA ATTACHMENTS



Immunohistochemistry: Formalin-fixed, paraffin-embedded human liver (FFPE) stained with Mitochondria monoclonal antibody (Cat. #500-504) at 1:50 for 10 min @ RT. (Note granular staining of hepatocytes) 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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