Mouse anti macrophage Monoclonal Antibody

Alternative Name(s): nan

Order Information

- **Description:** Macrophage
- **Catalogue:** 605-960
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** MAC387
- **Application:** IHC(P)
- **Reactivity:** Hu

ANTIGEN PREPARATION

Enriched cell membrane of Human monocytes

BACKGROUND

Macrophage Marker Antibody (MAC387) was This monoclonal antibody was raised by immunizing the enriched cell membrane from human monocyte. Macrophages are tissue localized, differentiated cells derived from circulating monocytes. Along with circulating neutrophils, macrophages are phagocytic cells that engulf antibody-coated pathogens, which are subsequently degraded in intracellular vesicles. Tissue localized macrophages can target a spectrum of bacterial pathogens without requiring previous exposure.

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 Macrophage 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: nan
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

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

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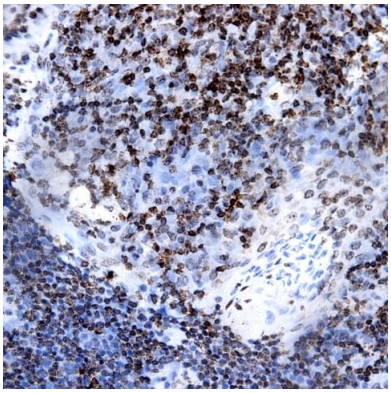
DATA ATTACHMENTS



Immunohistochemistry: Human lymph node (FFPE) stained with Mouse anti-Macrophage (Cat# 605-960) 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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