



Mouse anti Myeloid Marker Monoclonal Antibody

Alternative Name(s): nan

Order Information

- **Description:** Myeloid Marker
- **Catalogue:** 606-060
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** BM2
- **Application:** IHC(P), WB
- **Reactivity:** Hu

ANTIGEN PREPARATION

PWM-stimulated human PBL

BACKGROUND

Myeloid marker antibody BM-2 reacts with early precursor and mature forms of human myeloid cells. The antibody recognizes 183kDa protein, which is identified as a myeloid specific antigen. A myelocyte is a young cell of the granulocytic series; myeloid cells originate in the bone marrow during hematopoiesis and include all hemopoietic cells except the lymphoid cells. BM-2 can be used as a marker of granulocytes in normal tissues, as well as granulocytic sarcomas and myeloid leukemias. In studies the expression of a myeloid-specific antigen was detected on TdT-positive blast cell populations in childhood acute lymphocytic leukemia.

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 Myeloid Marker 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: 185.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

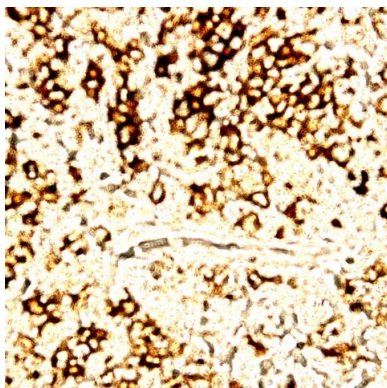
*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Immunohistochemistry: Human lymph node (FFPE) stained with Mouse anti-Myeloid Marker (Cat# 606-060) 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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