

Mouse anti-Human Myeloid Cell Marker Monoclonal Antibody

Myeloid Cell Marker (Macrophage / Granulocyte Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62495	Mouse	Human	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

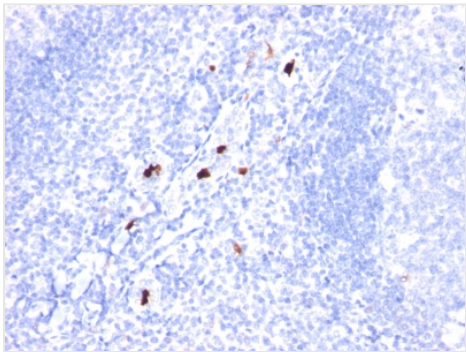
PRODUCT SYNONYMS

Myeloid Cell Marker; Monoclonal Antibody; Myeloid Cell Marker (Macrophage / Granulocyte Marker) Mouse Monoclonal Antibody; Pluripoietin; Filgrastim; Lenograstim; granulocyte colony-stimulating factor (G-CSF); anti-Myeloid Cell Marker antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	SPM298
Specificity	Recognizes 183kDa protein with DNA-binding characteristics, which is identified as a myeloid specific antigen. BM-1 reacts with myeloid precursor cells and granulocytes in bone marrow. Its antigen appears to be restricted to M2 and M3 acute myelogenous leukemia (AML) subtypes. Markers of myeloid cells are useful in the identification of different levels of cellular differentiation. BM-1 and BM-2 antibodies react with early precursor and mature forms of human myeloid cells. BM-1 MAb is useful in the identification of myelogenous leukemias, distinguishing granulocytic sarcomas from lymphoid malignancies and also in the study of differentiation and transformation of human myeloid cells. The biological function of this antigen is not clear, although it has been proposed that BM-1 may play a role in the differentiation of myeloid cells.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Applicable Applications for anti-Myeloid Cell Marker antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cytoplasmic and nuclear
Immunogen	Human peripheral blood mononuclear cells
Positive Control	Bone marrow, lymph node or tonsil
Preparation and Storage	Antibody with azide - store at 2°C to 8°C. Antibody without azide - store at -20° to -80°C. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with Myeloid specific Monoclonal Antibody (SPM298).

ADDITIONAL INFORMATION

References	Epstein AL; Samoszuk M; Stathopoulos E; Naeve GS; Clevenger CV; Weil S; Marder RJ. Immunohistochemical characterization of a 183 KD myeloid-specific-DNA-binding protein in B5 fixed, paraffin-embedded tissues, and bone marrow aspirates by monoclonal antibody BM-1. Blood, 1987, 70(4):1124-30
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NCBI AND UNIPROT INFORMATION

Molecular Weight	183kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myeloid-cell-marker-antibody-clone-spm298-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/62495>