

Monoclonal Antibody to Myeloid specific antigen - Purified

Catalog No.:	AM00535PU-N
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	BM1
Immunogen:	Human peripheral blood mononuclear cells Remarks: Mol. Wt. of Antigen: 183 kDa
Format:	State: Liquid ascites fluid Purification: Protein G chromatography Buffer System: 10 mM PBS, pH 7.4, with 0.2 % BSA and 0.09 % sodium azide
Applications:	Flow Cytometry. Immunofluorescence. Immunohistology (Formalin/paraffin): 2-4 µg/ml for 30 min at RT; no special pretreatment is required for the immunohistochemical staining of formalin/paraffin tissues. Positive Control: Tonsil. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with myeloid precursor cells and granulocytes in bone marrow. It reacts with early precursor and mature forms of human myeloid cells. It may be 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. Species: Human. Other species not tested.
Add. Information:	Cellular Localization: Cytoplasmic and nuclear
Storage:	Store the antibody at 2 - 8 °C up to one month or in aliquots at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Epstein AL; Samoszuk M; Stathopoulos E; Naeve GS; Clevenger CV; Weil S; Marder RJ. Blood, 1987, 70(4):1124-30.