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36-11027: Monoclonal Antibody to Myeloid Cell Marker (Macrophage / Granulocyte Marker)(Clone: BM-1)

Clonality: Monoclonal
Clone Name: BM-1
Application: FACS,IF,IHC
Reactivity: Human
Format: Purified

Isotype: Mouse IgG1, kappa

Immunogen Information: Human peripheral blood mononuclear cells

Description

Recognizes 183kDa protein with DNA-binding characteristics, which is identified as a myeloid specific antigen. It 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. This MAb reacts with early precursor and mature forms of human myeloid cells. It 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 it may play a role in the differentiation of myeloid cells.

Product Info

Amount: $100 \mu g$

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

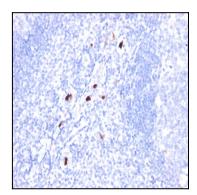
toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) (No special pretreatment is required for staining of formalin/paraffin tissues.)



Formalin-fixed, paraffin-embedded human Tonsil stained with Myeloid Specific Monoclonal Antibody (BM-1).