

Anti- Human MPO (MPO-1/1.7,17)

Fluorochrome	Reference	Size
FITC	MPOF-100T	100 test
PE	MPOPE-100T	100 test
PerCP-Cyanine5.5	MPOPPC5.5-100T	100 test

PRODUCT DESCRIPTION

Clone: MPO-1/1.7,17

Isotype: IgG2a

Tested application: flow cytometry

Immunogen: The anti-MPO monoclonal antibody derives from purified myeloperoxidase.

Species reactivity: Human

Storage instruction: store in the dark at 2-8 °C

Storage buffer: aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN₃).

Recommended usage: Immunostep's MPO, clone MPO1-1/1.7,17, is a monoclonal antibody intended for the identification and enumeration of the myeloid lineage (from myeloblast to neutrophils and monocytes) using flow cytometry. The monoclonal antibody does not react with human lymphocytes, thrombocytes and erythrocytes. 96% of all AML's are found positive; 100% of all ALL's are found negative. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10⁶ cells.

Presentation: liquid

Source: Supernatant proceeding from an *in vitro* cell culture of a cell hybridoma.

Purification: Affinity chromatography.

ANTIGEN DETAILS

Large description: This antibody reacts with the intracellular enzyme, myeloperoxidase in peripheral blood granulocytes on cytosols in a characteristic granular pattern. Monocytes are negative or slightly positive while eosinophils and lymphocytes are negative. MPO antibodies stain promyelocytes, myelocytes, metamyelocytes and mature neutrophil granulocytes in bone marrow.⁽¹⁻⁵⁾

Other Names: Myeloperoxidase

Gene ID: 4353

Molecular weight: two 60 kDa heavy units and two 17 kDa light units.

Please, refer to www.immunostep.com technical support for more information.

WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties. Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

REFERENCES

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