Anti-Myeloperoxidase Antibody [MPO/33R] (A278030)

Specifications:

Name:	Anti-Myeloperoxidase Antibody [MPO/33R]
Description:	Recombinant rabbit monoclonal [MPO/33R] antibody to Myeloperoxidase.
Specificity:	Myeloperoxidase (MPO) also called the peroxidase (POD), is an important marker of bone marrow cells. It is one of the members of the family of heme peroxidase super existing in myeloid cells (mainly neutrophils and monocytes of aniline blue particles). With the deepening of the research on MPO, MPO gene polymorphism has been found to lead to individual for some disease susceptibility differences, with a variety of human development is closely related to the occurrence of diseases. The antibody reacts with neutrophil granulocytes and monocytes in blood and with precursors of granulocytes in the bone marrow. The antibody is useful as an aid for classification of neoplastic tissue, i.e. myeloblasts and immature myeloid cells of acute myelogenous leukemia, progranulocytic leukemia, monomyelocytic leukemia, erythroleukemia and myeloblastoma.
Applications:	WB, IHC-P
Recommended Dilutions:	WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 150-250, of human Myeloperoxidase. The exact sequence is proprietary.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	MPO/33R
Isotype:	IgG
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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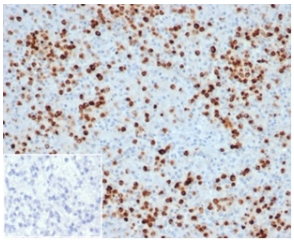
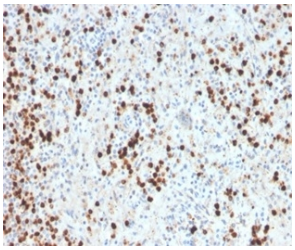
Specifications continued:

General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Myeloperoxidase Antibody [MPO/33R] - BSA and Azide free (A278618).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

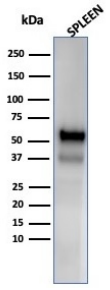
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human spleen tissue using Anti-Myeloperoxidase Antibody [MPO/33R]. Inset: PBS instead of the primary antibody. Secondary antibody negative control.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human spleen tissue using Anti-Myeloperoxidase Antibody [MPO/33R].



Western blot analysis of human spleen tissue lysate using Anti-Myeloperoxidase Antibody [MPO/33R].