

Product Datasheet

Myeloperoxidase/MPO Antibody - BSA Free **NBP1-77779**

Unit Size: 0.5 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NBP1-77779

Myeloperoxidase/MPO Antibody - BSA Free

Product Information

Unit Size	0.5 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

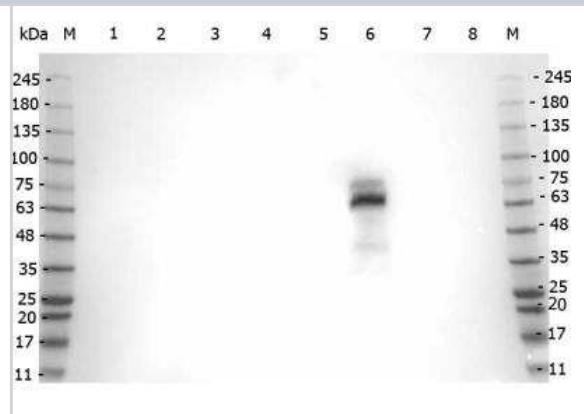
Description	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunolectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Myeloperoxidase/MPO
	Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	4353
Gene Symbol	MPO
Species	Human
Reactivity Notes	Cross reactivity against Myeloperoxidase/MPO from other tissues and species may occur but have not been specifically determined.
Immunogen	Myeloperoxidase/MPO/MPO [Human Leukocytes] (Uniprot: P05164)

Product Application Details

Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA 1:5000-1:20000, Immunoprecipitation 1:100
Application Notes	This antibody is tested by western blotting suitable for ELISA and immunoprecipitation. Although not tested, this antibody is likely functional in immunohistochemistry and other immunological methods. Anti-Human Myeloperoxidase may react with MPO from other sources. Anti-Human Myeloperoxidase detects neutrophilic granulocytes and monocytes in blood and precursors of granulocytes in the bone marrow. This antibody may also detect myeloid leukemias of the bone marrow as well as other sites.

Images

Western Blot: Myeloperoxidase/MPO Antibody [NBP1-77779] - Analysis of Rabbit anti-Myeloperoxidase antibody. Marker: Opal Pre-stained ladder. Lane 1: HEK293 lysate. Lane 2: HeLa Lysate. Lane 3: MCF-7 Lysate. Lane 4: Jurkat Lysate. Lane 5: A549 Lysate. Lane 6: HL-60 Lysate. Lane 7: Raji Lysate. Lane 8: NIH/3T3 Lysate. Primary antibody: Myeloperoxidase antibody.





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Products Related to NBP1-77779

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-38922PEP	Myeloperoxidase/MPO Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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