

# Product Datasheet

## Myeloperoxidase/MPO Antibody (MPO421-8B2) - BSA Free NBP2-41406

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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### Publications: 1

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**NBP2-41406**

Myeloperoxidase/MPO Antibody (MPO421-8B2) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MPO421-8B2
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)

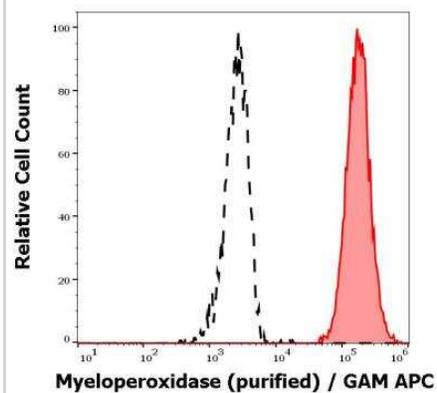
Product Description	
Host	Mouse
Gene ID	4353
Gene Symbol	MPO
Species	Human
Specificity/Sensitivity	The mouse monoclonal antibody MPO421-8B2 recognizes human myeloperoxidase, a heme protein present in myeloblasts, neutrophils and monocytes. It is a marker of acute myelogenous leukemias and acute lymphoblastic leukemias.
Immunogen	Human myeloperoxidase

Product Application Details	
Applications	ELISA, Flow Cytometry, Flow (Intracellular), CyTOF-ready
Recommended Dilutions	Flow Cytometry 1-4 ug/ml, ELISA, Flow (Intracellular) 1-4 ug/ml, CyTOF-ready
Application Notes	Use in FLOW cytometry reported in scientific literature ( PMID 27355490). This antibody is CyTOF ready.

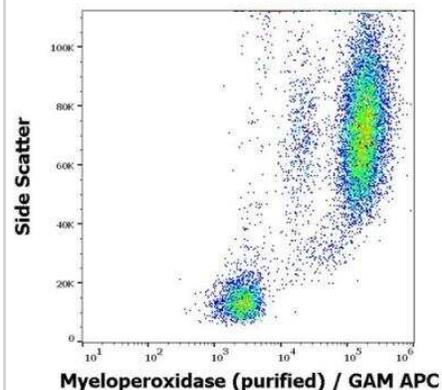


## Images

Flow (Intracellular): Myeloperoxidase/MPO Antibody (MPO421-8B2) [NBP2-41406] - Separation of human neutrophil granulocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (intracellular staining) of human peripheral whole blood stained using anti-human Myeloperoxidase (MPO421-8B2) purified antibody (concentration in sample 1 ug/ml).



Flow (Intracellular): Myeloperoxidase/MPO Antibody (MPO421-8B2) [NBP2-41406] - Intracellular staining pattern of human peripheral whole blood stained using anti-human Myeloperoxidase (MPO421-8B2) purified antibody (concentration in sample 1 ug/ml).



## Publications

van der Spek AH, Bloise FF, Tigchelaar W et al. The Thyroid Hormone Inactivating Enzyme Type 3 Deiodinase is Present in Bactericidal Granules and the Cytoplasm of Human Neutrophils Endocrinology 2016-08-01 [PMID: 27355490] (FLOW, Human)



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### **Products Related to NBP2-41406**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-87556PEP	Myeloperoxidase/MPO Recombinant Protein Antigen

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### **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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