Product Datasheet

Myeloperoxidase/MPO Antibody (2C7) [FITC]
NB100-64241

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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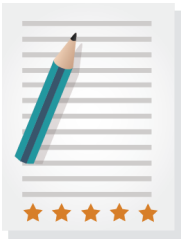


NB100-64241

Myeloperoxidase/MPO Antibody (2C7) [FITC]

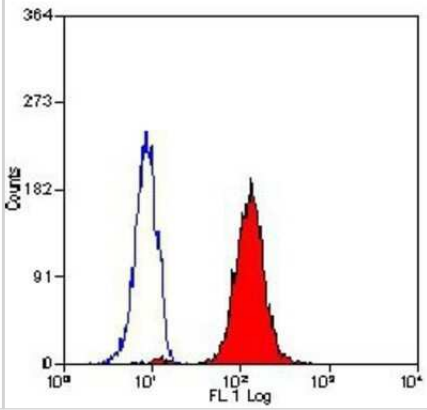
Product Information	
Unit Size	0.1 mg
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2C7
Preservative	0.09% Sodium Azide
Isotype	IgG1
Conjugate	FITC
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	4353
Gene Symbol	MPO
Species	Human
Reactivity Notes	Predicted cross-reactivities: Dog
Specificity/Sensitivity	NB100-64803 recognizes human myeloperoxidase (MPO). MPO is an important component of azurophilic granules in neutrophils, being involved in microbicidal processes. The protein is a multimer of 2 heavy chains (55kD) and two light chains (15kD), the heavy chains being linked by a disulphide bond. NB100-64803 recognizes native MPO in Western blots, and the heavy chain following boiling of the sample. The antibody also recognizes recombinant MPO in Western blots and weakly in ELISA. The antibody may be of value in the study of myeloid cells and myeloid leukaemias by flow cytometry following cell permeablisation.
Immunogen	Human myeloperoxidase

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry Neat-1:10
Application Notes	Membrane permeabilisation is required for Flow Cytometry. 2C7 recognises myeloperoxidase under nonreducing conditions.

Images

Flow Cytometry: Myeloperoxidase/MPO Antibody (2C7) [FITC] [NB100-64241] - Staining of permeabilised human peripheral blood granulocytes with MOUSE ANTI HUMAN MYELOPEROXIDASE:FITC



Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-64241

NBP1-96849	Mouse IgG1 Isotype Control (MG1) [FITC]
NB100-64803PCP	Myeloperoxidase/MPO Antibody (2C7) [PerCP]
NBP2-38922PEP	Myeloperoxidase/MPO Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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