

CERTIFICATE OF ANALYSIS

MONOCLONAL ANTIBODIES

Myeloperoxidase Monoclonal Mouse Antibody

Code no.	BM240-N9A3
Grade	Affinity purified
Lot no	53-201

RECEIVER INFORMATION

Storage Temperature	2-8°C (up to 1 month) below -15°C (long term)
Notes	
Shipping Temperature	2-8°C

PRODUCT INFORMATION

Reacts with	Human Myeloperoxidase (MPO), including SCIPAC's code no. P257-5.
Specificity	Antibody detects endogenous levels of total myeloperoxidase.
Immunogen	Purified human MPO from human neutrophil.
SCIPAC clone no.	N9A3
Application	Western blot and ELISA. Recommended as detection antibody with SCIPAC's BM240-N4C7 as the capture antibody.
Isotype	IgG1
Host	Mouse
Purification	Protein G
Presentation	Single homogenous batch, 0.2µM filtered, supplied liquid in a 0.05M phosphate buffer, pH 7.5 containing 0.15M NaCl and 0.009% NaN ₃ .

HEALTH AND SAFETY

Application	For in-vitro use and research or further processing only.
Precaution	Potentially hazardous, refer to safety data sheet for general precautions. Refer to Material Safety data sheet for specific information.

ANALYSIS

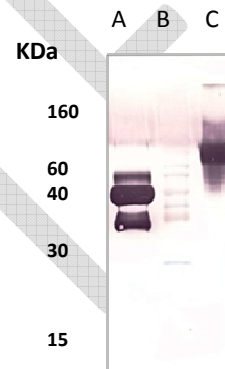
TESTS	SPECIFICATIONS	RESULTS
-------	----------------	---------

Determination method:

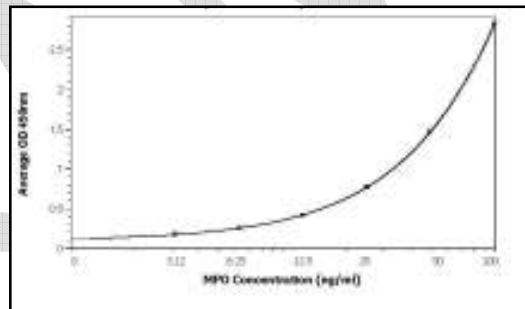
Protein concentration by Optical Density at 280nm using $E_{1\%,1cm} = 1.38$	> 0.5 /mg/ml	0.95mg/ml
--	--------------	-----------

Western blot analysis At 1:10,000 dilution	Reactivity with SCIPAC antigen P257-5	Pass
--	---------------------------------------	------

Fig 1. Western blot analysis of human MPO and reactivity with anti MPO. (BM240-N9A3)
 Antibody dilutions = 1:10,000
 (A) Reduced MPO
 (B) Novex sharp STD S252
 (C) Non Reduced MPO



ELISA test dose response curve	Consistent dose response curve over the range 4-15% MPO	
--------------------------------	---	--



Pass

QUALITY ASSURANCE

Product handled under	ISO 9001
-----------------------	----------

Name:		Position:	
Signed:		Date:	Order #