

# Myeloperoxidase Rabbit mAb

Catalog No: #52444



Package Size: #52444-1 50ul #52444-2 100ul

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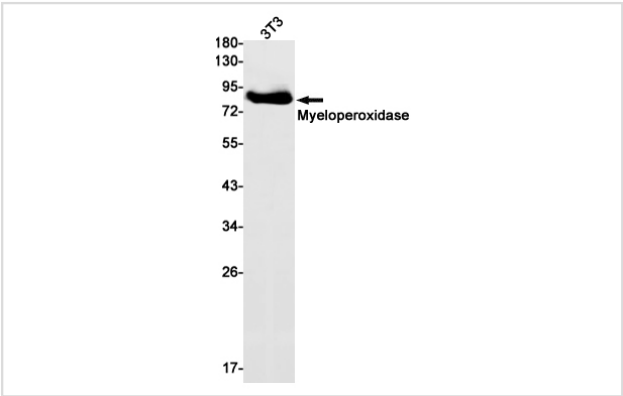
## Description

Product Name	Myeloperoxidase Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-2C7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human Myeloperoxidase
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Myeloperoxidase;MPO
Accession No.	Swiss-Prot:P05164GenelD:4353
Uniprot	P05164
GenelD	4353
Calculated MW	Calculated MW: 84 kDa; Observed MW: 80-90 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

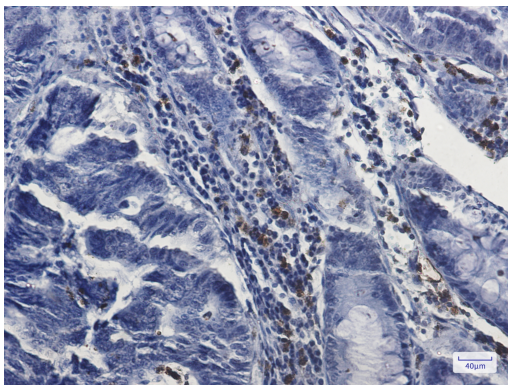
## Application Details

WB: 1/1000-1/5000; IHC: 1/50-1/200

## Images



Western blot detection of Myeloperoxidase in 3T3 cell lysates using Myeloperoxidase Rabbit mAb(1:1000 diluted).Predicted band size:84kDa.Observed band size: 80-90kDa.



Immunohistochemistry of Myeloperoxidase in paraffin-embedded Human colon cancer tissue using Myeloperoxidase Rabbit mAb at dilution 1/50

## Background

Swiss-Prot Acc.P05164. Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypohalous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity.

Note: This product is for in vitro research use only