

## MPO Antibody FITC Conjugated

Catalog No: #C05453F

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## Description

Product Name	MPO Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 690-740 745 derived from human MPO
Conjugates	FITC
Target Name	MPO
Other Names	Myeloperoxidase; MPO
Accession No.	Swiss-Prot#P05164NCBI Gene ID4353
Uniprot	P05164
GeneID	4353;
Excitation Emission	494nm 518nm
Cell Localization	Lysosome
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

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