

Datasheet for ABIN7425962

**anti-Myeloperoxidase antibody (AA 165-278)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Myeloperoxidase (MPO)
Binding Specificity:	AA 165-278
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Myeloperoxidase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Myeloperoxidase (MPO)
Immunogen:	Recombinant Myeloperoxidase (MPO) corresponding to Val165~Gly278 with N-terminal His Tag
Clone:	C1
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MPO. It has been selected for its ability to recognize MPO in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

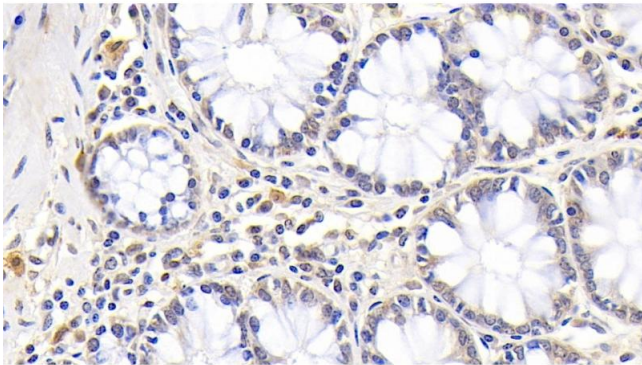
Target:	Myeloperoxidase (MPO)
Alternative Name:	Myeloperoxidase ( <a href="#">MPO Products</a> )
Pathways:	<a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

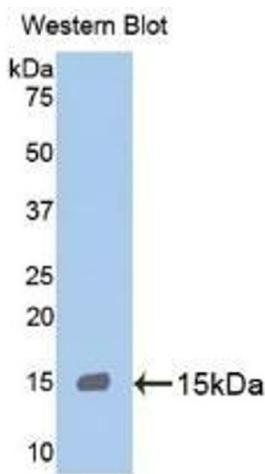
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

**Image 1.** Detection of MPO in Human Colon Tissue using Monoclonal Antibody to Myeloperoxidase (MPO)



Western Blotting

**Image 2.** Detection of Recombinant MPO, Human using Monoclonal Antibody to Myeloperoxidase (MPO)