

Datasheet for ABIN7428509

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

## Overview

Quantity:	100 µL
Target:	Myeloperoxidase (MPO)
Reactivity:	Cow
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:	OVA Conjugated Myeloperoxidase (MPO)
Clone:	C2
Isotype:	IgG
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.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

Target:	Myeloperoxidase (MPO)
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## Target Details

Alternative Name: Myeloperoxidase ([MPO Products](#))

Pathways: [Chromatin Binding](#)

## Application Details

Application Notes: Western blotting: 0.2-2 µg/mL  
1:500-5000 Immunohistochemistry: 5-20 µg/mL  
1:50-200 Immunocytochemistry: 5-20 µg/mL  
1:50-200 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: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

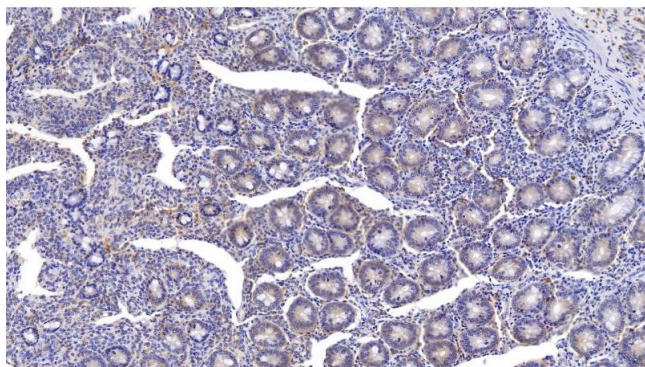
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

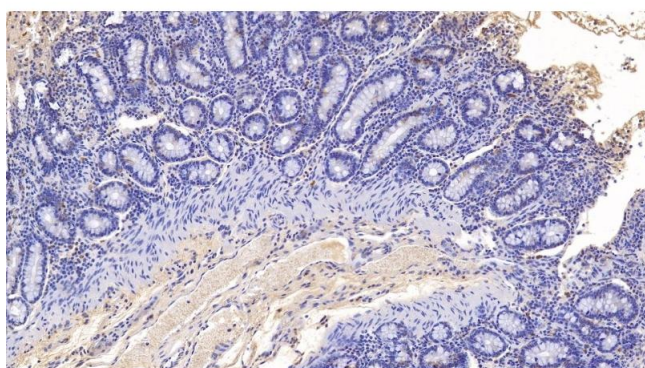
Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Expiry Date: 24 months



#### Immunohistochemistry

**Image 1.** Detection of MPO in Bovine Small intestine Tissue using Monoclonal Antibody to Myeloperoxidase (MPO)



#### Immunohistochemistry

**Image 2.** Detection of MPO in Bovine Colon Tissue using Monoclonal Antibody to Myeloperoxidase (MPO)