

A12109

Leader in Biomolecular Solutions for Life Science



# Myeloperoxidase (MPO) Rabbit mAb

Catalog No.: A12109

Recombinant

1 Publications

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

84kDa

### Category

SMab Recombinant Monoclonal  
Antibody

### Applications

IHC-P, ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC53227

## Background

Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils.

## Recommended Dilutions

IHC-P 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

4353

### Swiss Prot

P05164

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

MPO

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

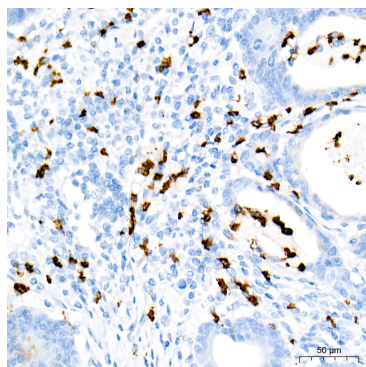
### Purification

Affinity purification

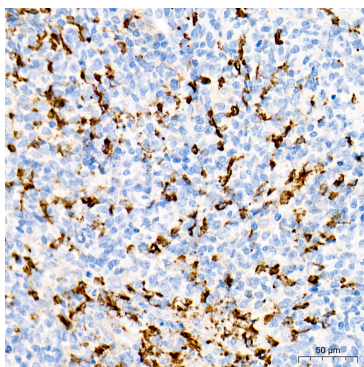
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

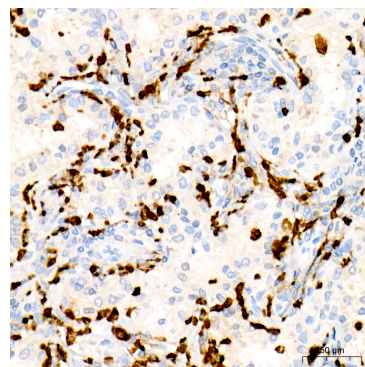
Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.



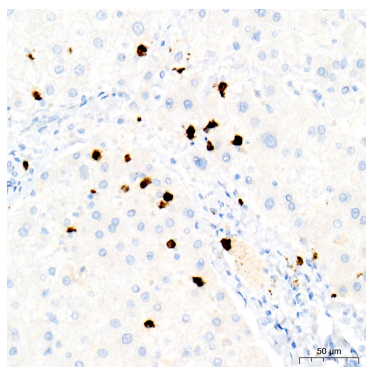
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Myeloperoxidase (MPO) Rabbit mAb (A12109) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



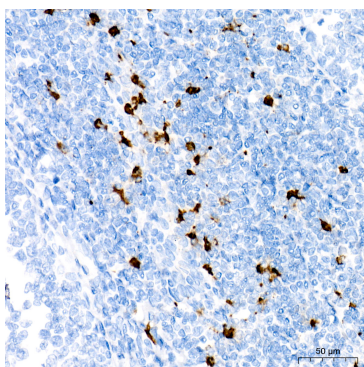
Immunohistochemistry analysis of paraffin-embedded Human extranodal NK-T cell lymphoma using Myeloperoxidase (MPO) Rabbit mAb (A12109) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human hepatocholangiocarcinoma using Myeloperoxidase (MPO) Rabbit mAb (A12109) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver using Myeloperoxidase (MPO) Rabbit mAb (A12109) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Myeloperoxidase (MPO) Rabbit mAb (A12109) at dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.