

Myeloperoxidase (MPO) Rabbit mAb

Catalog No.: A23937 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

84kDa

Category

Primary antibody

Applications

ELISA, IHC-P

Cross-Reactivity

Human

CloneNo number

ARC53226

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 1:50 - 1:200

Immunogen Information

Gene ID

4353

Swiss Prot

P05164

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 646-745 of human Myeloperoxidase (MPO) (NP_000241.1).

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

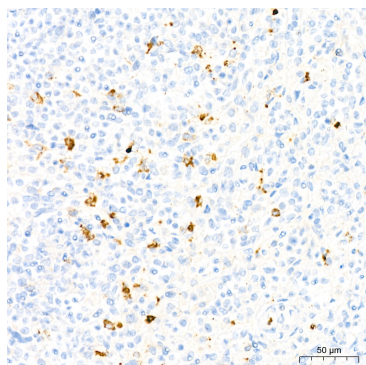
Purification

Affinity purification

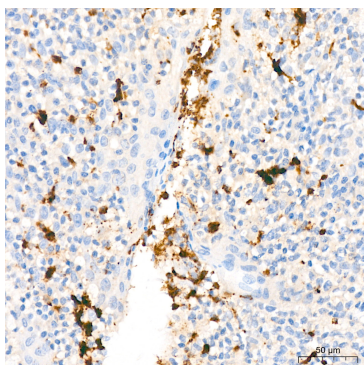
Storage

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

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



Immunohistochemistry analysis of Myeloperoxidase (MPO) in paraffin-embedded human spleen tissue using Myeloperoxidase (MPO) Rabbit mAb (A23937) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of Myeloperoxidase (MPO) in paraffin-embedded human tonsil tissue using Myeloperoxidase (MPO) Rabbit mAb (A23937) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M Tris-EDTA buffer (pH 9.0) prior to IHC staining.