

bsm-43010M

[Primary Antibody]

MPO Mouse mAb

BioSS
ANTIBODIES

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400-901-9800

— DATASHEET —

Host: Mouse

Clonality: Monoclonal

GeneID: 4353

Target: MPO

CloneNo.: 6D9

SWISS: P05164

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Nov 2014]

Applications: WB (1:500-2000)

IHC-P (1:100-500)

IHC-F (1:100-500)

IF (1:100-500)

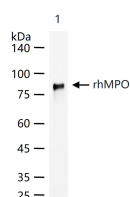
ELISA (1:5000-10000)

Reactivity: Human

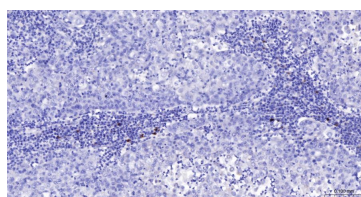
Predicted MW.: 84 kDa

Subcellular Location: Cytoplasm

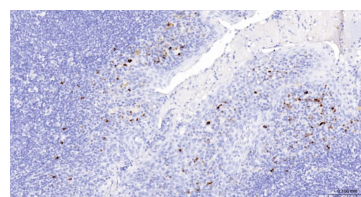
— VALIDATION IMAGES —



50 ng rhMPO protein, C-His (HEK293) (bs-43010P) per lane probed with MPO monoclonal antibody respectively, unconjugated (bsm-43010M) at 1:1000 dilution and 4°C overnight incubation. Followed by corresponding conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Gastric cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MPO Monoclonal Antibody, Unconjugated(bsm-43010M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human tonsils; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with MPO Monoclonal Antibody, Unconjugated(bsm-43010M) at 1:200 overnight at 4°C, followed by conjugation to the bs-40296G-HRP and DAB (C-0010) staining.