

MPO / Myeloperoxidase Antibody (clone 3E11)
Mouse Monoclonal Antibody
Catalog # ALS16351

Specification

MPO / Myeloperoxidase Antibody (clone 3E11) - Product Information

Application	WB, IHC
Primary Accession	P05164
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	84kDa KDa

MPO / Myeloperoxidase Antibody (clone 3E11) - Additional Information

Gene ID 4353

Other Names

Myeloperoxidase, MPO, 1.11.2.2,
Myeloperoxidase, 89 kDa myeloperoxidase,
84 kDa myeloperoxidase, Myeloperoxidase
light chain, Myeloperoxidase heavy chain,
MPO

Target/Specificity

Human MPO / Myeloperoxidase

Reconstitution & Storage

Store at -20°C or lower. Aliquot to avoid
repeated freezing and thawing.

Precautions

MPO / Myeloperoxidase Antibody (clone
3E11) is for research use only and not for
use in diagnostic or therapeutic procedures.

MPO / Myeloperoxidase Antibody (clone 3E11) - Protein Information

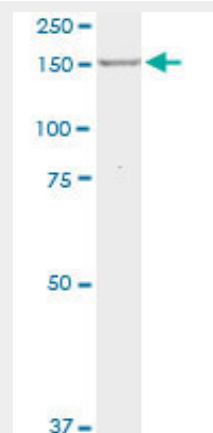
Name MPO

Function

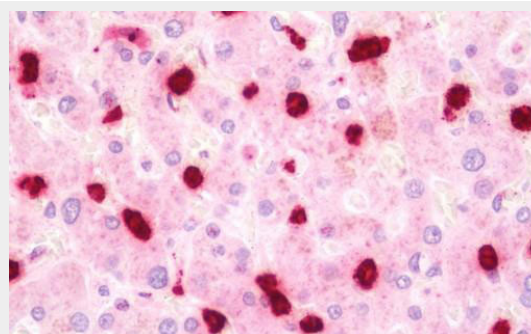
Part of the host defense system of
polymorphonuclear leukocytes. It is
responsible for microbicidal activity against
a wide range of organisms. In the
stimulated PMN, MPO catalyzes the
production of hypohalous acids, primarily



MPO monoclonal antibody (M01), clone 3E11. Western Blot analysis of MPO expression in Raw 264.7.



MPO monoclonal antibody (M01), clone 3E11. Western Blot analysis of MPO expression in Jurkat.



hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity.

Cellular Location
Lysosome.

MPO / Myeloperoxidase Antibody (clone 3E11) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MPO / Myeloperoxidase antibody IHC staining of human liver.

MPO / Myeloperoxidase Antibody (clone 3E11) - Background

Part of the host defense system of polymorphonuclear leukocytes. It is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, MPO catalyzes the production of hypochlorous acids, primarily hypochlorous acid in physiologic situations, and other toxic intermediates that greatly enhance PMN microbicidal activity.

MPO / Myeloperoxidase Antibody (clone 3E11) - References

Morishita K., et al. J. Biol. Chem. 262:3844-3851(1987).
Morishita K., et al. J. Biol. Chem. 262:15208-15213(1987).
Seto P., et al. J. Clin. Invest. 80:1205-1208(1987).
Johnson K.R., et al. Nucleic Acids Res. 15:2013-2028(1987).
Hashinaka K., et al. Biochemistry 27:5906-5914(1988).