

Product Datasheet

Myeloperoxidase Antibody

Catalog No: CY8291

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P05164(Human)

All Names: 84 kDa myeloperoxidase; 89 kDa myeloperoxidase; EC 1.11.1.7; EC1.11.2.2; MPO; mpx; myeloid-specific peroxidase; Myeloperoxidase; Myeloperoxidase heavy chain;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 15,74,84kDa

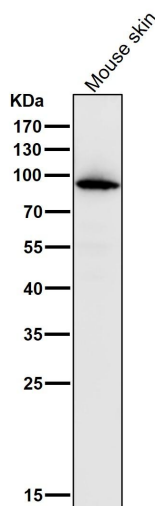
Application

WB 1:500~1:2000

IHC 1:50~1:200

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



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

For Research Use Only. Not For Use In Diagnostic Procedures.

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