

Myeloperoxidase Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251875

Unit: 0.1 mg

Description:

Myeloperoxidase plays a role in the host defense system of polymorphonuclear leukocytes. Myeloperoxidase is responsible for microbicidal activity against a wide range of organisms. In the stimulated PMN, myeloperoxidase catalyzes the production of hypohalous acids, primarily hypochlorous acid, and other toxic intermediates that greatly enhance PMN microbicidal activity. Defects in myeloperoxidase are the cause of myeloperoxidase deficiency (MPD), an autosomal recessive defect that results in disseminated candidiasis.

Isotype: Rabbit Ig

Applications: E, WB, IHC, ICC

Species Reactivity: H, M, R

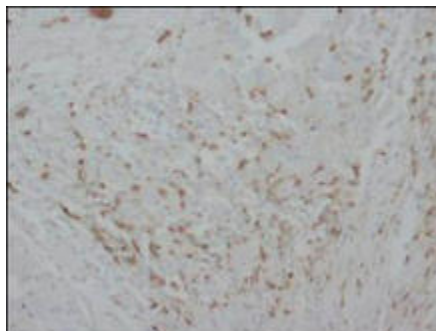
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 5% BSA with 0.09% sodium azide. Antibody was purified by immunogen-affinity chromatography.

Alternate Names: MPO; Myeloperoxidase

Accession No.: P05164

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human myeloperoxidase.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; ICC: 1:100-1:500



Myeloperoxidase staining in human ovary. Paraffin-embedded human ovary is stained with Myeloperoxidase Antibody (Cat. No. 251875) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.