
Myeloperoxidase (9B12) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252849

Unit: 0.1 ml

Description:

Myeloperoxidase (MPO) 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: Mouse IgG1

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: MPO; Myeloperoxidase

Accession No.: P05164

Antigen: Purified recombinant fragment of MPO(aa1-193) expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

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