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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB11953 - Goat Anti-myeloperoxidase Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MPO, myeloperoxidase

Official Symbol: MPO

Accession Number(s): NP_000241.1

Human GeneID(s): [4353](#)

Important Comments: The immunizing peptide represents the N terminus of the mature protein.

Immunogen

Peptide with sequence C-DKAYKERRESIKQ, from the internal region (near N terminus) of the protein sequence according to NP_000241.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 85kDa band observed in Human Peripheral Blood

Mononucleocytes lysates (calculated MW of 83.9kDa according to NP_000241.1).

Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB11953 (0.3µg/ml) staining of Human Peripheral Blood Lymphocyte lysate (35µg protein in RIPA buffer).
Primary incubation was 1 hour. Detected by chemiluminescence.