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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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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