

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service: <u>customerservice@vectorlabs.com</u> Technical Service: <u>technical@vectorlabs.com</u>

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11953 - Goat Anti-myeloperoxidase Antibody

Size: 100µg specific antibody in 200µl

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Target Protein Principal Names: MPO, myeloperoxidase Official Symbol: MPO Accession Number(s): NP_000241.1

Human GeneID(s): <u>4353</u> 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.

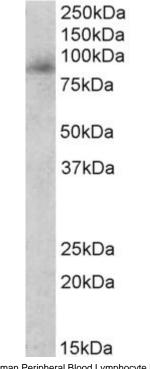
Aliquot and store at -20°C. Minimize freezing and thawing.

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.