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Research Use Only. Not for diagnostic or therapeutic use.

EB12342 - Goat Anti-IL-1 beta Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IL1B, interleukin 1, beta, IL-1, IL1-BETA, IL1F2, IL-1 beta, catabolin,

interleukin-1 beta, preinterleukin 1 beta, pro-interleukin-1-beta

Official Symbol: IL1B

Accession Number(s): NP_000567.1

Human GeneID(s): 3553

Immunogen

Peptide with sequence C-QLESVDPKNYPKK, from the internal region of the protein sequence according to NP_000567.1.

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

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx. 28kDa band observed in Human Peripheral Blood

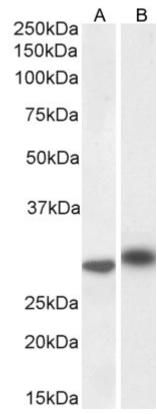
Mononucleocyte (PBM) lysates and approx. 30kDa in Human Bone Marrow lysates (calculated MW of 30.7kDa according to NP_000567.1). Recommended concentration:

 $1\text{-}3\mu\text{g/ml}.$ Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12342 (1μg/ml) staining of Human PBM (A) and Bone Marrow (B) lysate (35μg protein in RIPA buffer).

Detected by chemiluminescence.