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Research Use Only. Not for diagnostic or therapeutic use.

EB12590 - Goat Anti-CD3D (isoform A) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CD3D, CD3d molecule, delta (CD3-TCR complex), CD3-DELTA, IMD19, T3D, CD3 antigen, delta subunit, CD3 delta, CD3d antigen, delta polypeptide (TiT3 complex), OKT3, delta chain, T-cell receptor T3 delta chain, T-cell surface

glycoprotein CD3 delta chain **Official Symbol:** CD3D

Accession Number(s): NP_000723.1

Human GeneID(s): 915

Important Comments: This antibody is expected to recognize reported isoform A

(NP_000723.1) only.

Immunogen

Peptide with sequence C-HETGRLSGAADTQ, from the internal region of the protein sequence according to NP_000723.1.

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 20kDa band observed in lysates of cell lines Jurkat and Molt4 (calculated MW of 18.9kDa according to NP_000723.1). Recommended concentration: 1-3μg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12590 (1μg/ml) staining of Jurkat (A) and Molt4 (B) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.