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