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