

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB12594 - Goat Anti-CD3G Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD3G, CD3g molecule, gamma (CD3-TCR complex), CD3-GAMMA, IMD17, T3G, CD3g antigen, gamma polypeptide (TIT3 complex), CD3g molecule, epsilon (CD3-TCR complex), T-cell antigen receptor complex, gamma subunit of T3, T-cell receptor T3 gamma chain, T-cell surface glycoprotein CD3 gamma chain

**Official Symbol:** CD3G

**Accession Number(s):** NP\_000064.1

**Human GeneID(s):** [917](#)

**Non-Human GeneID(s):** 12502 (mouse), 300678 (rat)

### Immunogen

Peptide with sequence C-QDGVQRASDKQT, from the internal region of the protein sequence according to NP\_000064.1.

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 23kDa band observed in lysates of cell line Jurkat (calculated MW of 20.5kDa according to NP\_000064.1). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB12594 (0.3 $\mu$ g/ml) staining of Jurkat lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.