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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 μ g/ml) staining of Jurkat lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.