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

EB10740 - Goat Anti-CD28 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CD28, CD28 molecule, MGC138290, Tp44, CD28 antigen, CD28 antigen (Tp44), T-cell-specific surface glycoprotein

Official Symbol: CD28

Accession Number(s): NP_006130.1

Human GeneID(s): [940](#)

Important Comments: The immunizing peptide corresponds to a part of the extracellular domain.

Immunogen

Peptide with sequence SQQLQVYSKTGFNCD, from the internal region of the protein sequence according to NP_006130.1.

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 1:64000.

Western blot: Approx 48kDa band observed in Human Lymph Node and Tonsil lysates (calculated MW of 25.1kDa according to NP_006130.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

IHC: In paraffin embedded Human Lymph Node shows membrane staining in the paracortex. Recommended concentration: 1-2µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB10740 (0.3µg/ml) staining of Human Tonsil lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB010740 (2µg/ml) staining of paraffin embedded Human Lymph Node. Microwaved antigen retrieval with citrate buffer Ph 6, HRP-staining.

EB10740 Negative Control showing staining of paraffin embedded Human Lymph Node, with no primary antibody.