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Research Use Only. Not for diagnostic or therapeutic use.

EB10741 - Goat Anti-Cd28 (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Cd28, CD28 antigen, CH29-189K17.3, OTTMUSP00000002157,

T-cell-specific surface glycoprotein CD28

Official Symbol: Cd28

Accession Number(s): NP_031668.3 Non-Human GeneID(s): 12487 (mouse)

Important Comments: The immunizing peptide represents a part of the extracellular

domain.

Immunogen

Peptide with sequence KEKHLCHTQSSPK, from the internal region of the protein sequence according to NP_031668.3.

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 1:16000.

Western blot: Approx 40kDa band observed in Mouse Thymus lysates (calculated MW of 25.2kDa according to NP_031668.3). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB10741 (0.3μg/ml) staining of Mouse Thymus lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.