

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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