

## UK Office

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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

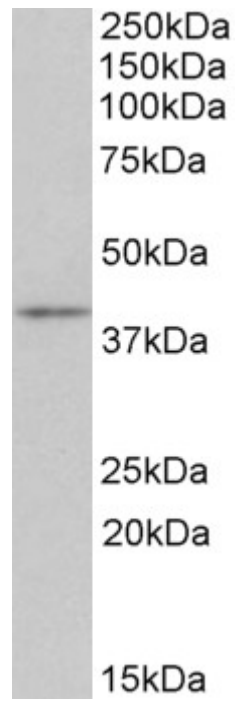
**Peptide ELISA:** antibody detection limit dilution 1:16000.

**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



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.