



## UK Office

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

## EB09701 - Goat Anti-CD80 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD80, CD80 molecule, CD28LG, CD28LG1, LAB7, B-lymphocyte activation antigen B7, CD80 antigen, CD80 antigen (CD28 antigen ligand 1, B7-1 antigen), costimulatory factor CD80, costimulatory molecule variant IgV-CD80

**Official Symbol:** CD80

**Accession Number(s):** NP\_005182.1

**Human GeneID(s):** [941](#)

### Immunogen

Peptide with sequence C-HLRVNQTFNWNTTK, from the internal region of the protein sequence according to NP\_005182.1.

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 1:4000.

**Western blot:** Approx 60kDa band observed in Human Lymph Node and Human Tonsil lysates (calculated MW of 33.0kDa according to NP\_005182.1). This molecular weight is routinely observed by other sources. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB09701 (1µg/ml) staining of Lymph Node lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.