



## International Office

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

## EB10738 - Goat Anti-CD86 / B7-2 (aa273-286) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD86, CD86 molecule, B7-2, B70, CD28LG2, LAB72, MGC34413, B-lymphocyte activation antigen B7-2, B7-2 antigen, CD86 antigen, CD86 antigen (CD28 antigen ligand 2, B7-2 antigen), CTLA-4 counter-receptor B7.2

**Official Symbol:** CD86

**Accession Number(s):** NP\_787058.5; NP\_008820.4; NP\_001193853.2;  
NP\_001193854.2

**Human GeneID(s):** [942](#)

**Important Comments:** This antibody is expected to recognize reported isoforms (NP\_787058.5 (isoform 1), NP\_008820.4 (isoform 2), NP\_001193853.2 (isoform 4) and NP\_001193854.2 (isoform 5)).

### Immunogen

Peptide with sequence KKRPRNSYKCGTNT, from the internal region of the protein sequence according to NP\_787058.5; NP\_008820.4; NP\_001193853.2; NP\_001193854.2.

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:** Preliminary testing showed a band at approx. 37kDa in Human Tonsil lysate and in Jurkat and HeLa cell lysate after 1-3µg/ml antibody staining (calculated MW of 37.0kDa according to NP\_008820.4). Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human