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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