

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

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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