

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

EB06621-B - Goat Anti-CD274 / PD-L1, Biotinylated Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: CD274, CD274 molecule, B7-H, B7H1, PD-L1, PDCD1L1, PDCD1LG1,

PDL1, B7 homolog 1, CD274 antigen, PDCD1 ligand 1

Official Symbol: CD274

Accession Number(s): NP_054862.1; NP_001254635.1

Human GeneID(s): 29126

Important Comments: This antibody is expected to recognize reported isoforms a and b

(NP_054862.1; NP_001254635.1) only.

Immunogen

Peptide with sequence CKKQSDTHLEET., from the C Terminus of the protein sequence according to NP_054862.1; NP_001254635.1.

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 1:128000.

Western blot: Approx 40kDa band observed in Human Heart lysates (calculated MW of 33.3kDa according to NP_054862.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB06621 (0.3µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.