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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06621 - Goat Anti-CD274 / PD-L1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MGC142296, MGC142294, CD274 molecule, CD274, HGNC:17635, PDL1, programmed cell death 1 ligand 1, PDCD1L1, PDL1, B7H1, B7-H, PDCD1LG1, PD-L1, CD274 antigen

Official Symbol: CD274

Accession Number(s): NP_054862.1

Human GeneID(s): [29126](#)

Immunogen

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

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 1:8000.

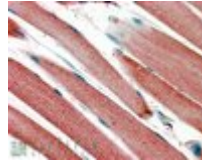
Western blot: Approx 35kDa band observed in Human Heart lysates (calculated MW of 33.3kDa according to NP_054862.1). Recommended concentration: 0.3-1.0 µg/ml.

IHC: In paraffin embedded Human Skeletal Muscle shows staining of the striated muscular fibres. Recommended concentration, 4-6µg/ml. Data obtained with a previous batch.

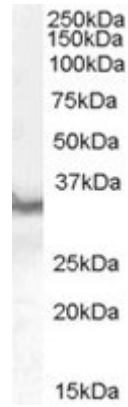
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06621 (4 μ g/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06621 staining (0.3 μ g/ml) of Human Heart lysate (RIPA buffer, 30 μ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.