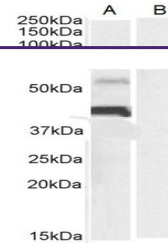
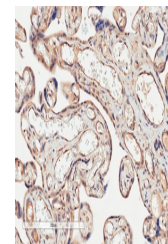

Product Datasheet

CD274 Antibody (orb1247125)

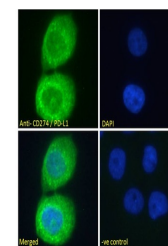
Description	CD274 Antibody
Species/Host	Goat
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FC, IF, IHC, WB
Immunogen	The immunogen for this antibody is: CKKQSDTHLEET
Target	CD274
Preservatives	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Form/Appearance	Liquid
Concentration	500 ug/mL
Storage	Aliquot and store at -20°C. Minimize freezing and thawing.
Note	For research use only
Application notes	Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 40kDa band observed in Human Heart lysates. The observed molecular weight corresponds to glycosylation (calculated MW of 33.3kDa according to NP_054862.1). An additional band was also consistently observed at 55kDa, and was successfully blocked by incubation with the immunizing peptide. Preliminary testing also showed the 37+55kDa bands in lysates of cell lines, A549, Daudi, HeLa, HepG2 and Jurkat Recommended concentration: 0.03-0.1ug/ml. Primary incubation 1 hour at room temperature. Immunohistochemistry: In paraffin embedded Human Placenta shows membranous staining of cytotrophoblasts. Recommended concentration: 2-4ug/ml. Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 and U2OS cells. Recommended concentration: 10ug/ml. Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/ml.
Clonality	Polyclonal
Uniprot ID	Q9NZQ7
NCBI	NP_054862.1 , NP_001254635.1
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. Western Blot: Approx 40kDa band observed in Human Heart lysates. The observed molecular weight corresponds to glycosylation (calculated MW of 33.3kDa



orb1247125 (0.3 ug/ml) staining of Human...



orb1247125 (2 ug/ml) staining of paraffi...



orb1247125 Negative Control showing stai...