

Anti-CD274/PD-L1 antibody (C-Term) (STJ70646)

STJ70646

GENERAL INFORMATION

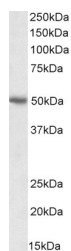
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-CD274/PD-L1 (C-Term) is suitable for use in ELISA, Western Blot, Immunofluorescence and Flow Cytometry research applications.
Applications	Pep-ELISA/WB/IF/FC
Host/Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

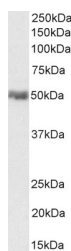
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 50kDa band observed in Human Heart lysates and in lysates of cell line U2OS (calculated MW of 33.3kDa according to 1NP_054862.1). This band was successfully blocked by incubation
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

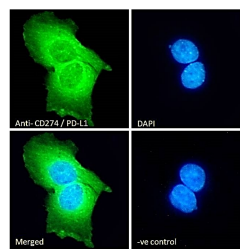
Gene ID	29126
Gene Symbol	CD274
Uniprot ID	PD1L1_HUMAN
Immunogen	
Immunogen Region	C-Term
Specificity	This antibody is expected to recognize reported isoforms a and b (NP_054862.1; NP_001254635.1) only.
Immunogen Sequence	CKKQSDTHLEET



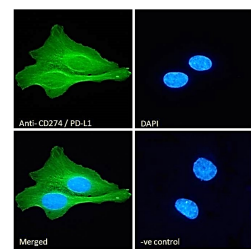
STJ70646 (0.01 µg/ml) staining of Human Heart lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70646 (0.1 µg/ml) staining of U2OS cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70646 Immunofluorescence analysis of paraformaldehyde fixed AA431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml) showing cytoplasmic staining. The nuclear stain is DAPI (blue). NA NA Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ70646 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml) showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). NA NA Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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