

Rabbit anti-Mouse, Rat CD273 Polyclonal Antibody | anti-CD273 antibody

RABBIT ANTI HUMAN CD273

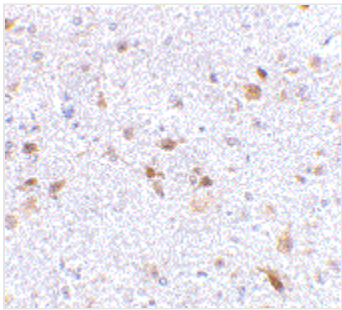
CATALOG # AAA50058	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

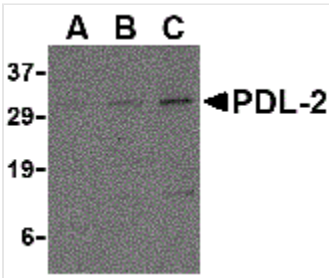
CD273; Polyclonal Antibody; RABBIT ANTI HUMAN CD273; anti-CD273 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item detects human CD273, also known as B7-DC and Programmed Death Ligand 2 (PD-L2). CD273 is a single-pass type 1 membrane protein belonging to the immunoglobulin receptor superfamily, and is a ligand for CD279 (PD-1). CD273 is highly expressed in the tissues of the heart, liver, lung, placenta and pancreas. It is expressed in dendritic cells, and its expression can be induced on inflammatory macrophages when activated by interleukin 4 or Th2 cells. CD273 functions to inhibit T-cell proliferation by blocking cell cycle progression and cytokine production, and is particularly important in the maintenance of self tolerance.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	273
Applicable Applications for anti-CD273 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A peptide corresponding to a 16 amino acid sequence from near the centre of Human CD273. Histology Positive Control Tissue
Antiserum Preparation	Antisera to Human CD273 were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



Application Data
Immunohistochemical staining of mouse brain with Rabbit anti Human CD273 (AAA50058)



Application Data
Western blot analysis of whole cell lysate from Raji, human Burkitt's lymphoma cells probed with Rabbit anti Human CD273 (AAA50058) at 0.5(A), 1(B) and 2(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CD273 antibody	MBS223722 detects human CD273, also known as B7-DC and Programmed Death Ligand 2 (PD-L2). CD273 is a single-pass type 1 membrane protein belonging to the immunoglobulin receptor superfamily, and is a ligand for CD279 (PD-1). CD273 is highly expressed in the tissues of the heart, liver, lung, placenta and pancreas. It is expressed in dendritic cells, and its expression can be induced on inflammatory macrophages when activated by interleukin 4 or Th2 cells. CD273 functions to inhibit T-cell proliferation by blocking cell cycle progression and cytokine production, and is particularly important in the maintenance of self tolerance.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190014605
NCBI GeneID	80380
NCBI Accession #	NP_079515.2
NCBI GenBank Nucleotide #	NM_025239.3
UniProt Accession #	Q9BQ51; Q14CN8; Q5T7Z6; Q6JXL8; Q6JXL9
Molecular Weight	20,745 Da
NCBI Official Full Name	programmed cell death 1 ligand 2
NCBI Official Synonym Full Names	programmed cell death 1 ligand 2
NCBI Official Symbol	PDCD1LG2
NCBI Official Synonym Symbols	B7DC; Btdc; PDL2; CD273; PD-L2; PDCD1L2; bA574F11.2
NCBI Protein Information	programmed cell death 1 ligand 2; B7 dendritic cell molecule; B7-DC; PD-1 ligand 2; PD-1-ligand 2; PDCD1 ligand 2; butyrophilin B7-DC; programmed death ligand 2
UniProt Protein Name	Programmed cell death 1 ligand 2
UniProt Gene Name	PDCD1LG2
UniProt Synonym Gene Names	B7DC; CD273; PDCD1L2; PDL2; PD-1 ligand 2; PD-L2; PDCD1 ligand 2; Programmed death ligand 2; B7-DC
UniProt Entry Name	PD1L2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.