

Mouse anti-Human PD-L2 Monoclonal Antibody | anti-PD-L2 antibody

PD-L2 Monoclonal Antibody

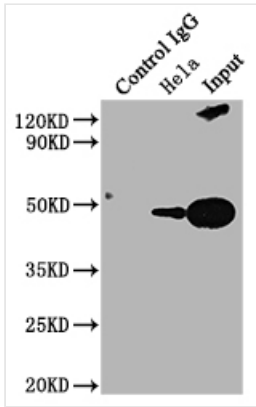
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA27047	Mouse	Human	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay, Immunoprecipitation

PRODUCT SYNONYMS

PD-L2; Monoclonal Antibody; PD-L2 Monoclonal Antibody; B7 dendritic cell molecule antibody; B7-DC antibody; B7DC antibody; bA574F11.2 antibody; Btdc antibody; Butyrophilin B7 DC antibody; Butyrophilin B7-DC antibody; Butyrophilin B7DC antibody; CD 273 antibody; CD273 antibody; CD273 antigen antibody; MGC142238 antibody; MGC142240 antibody; PD 1 ligand 2 antibody; PD L2 antibody; PD-1 ligand 2 antibody; PD-L2 antibody; PD1 ligand 2 antibody; PD1L2_HUMAN antibody; PDCD 1 ligand 2 antibody; PDCD1 ligand 2 antibody; PDCD1L2 antibody; Pcdcd1lg2 antibody; PDL 2 antibody; PDL2 antibody; Programmed cell death 1 ligand 2 antibody; Programmed death ligand 2 antibody; anti-PD-L2 antibody

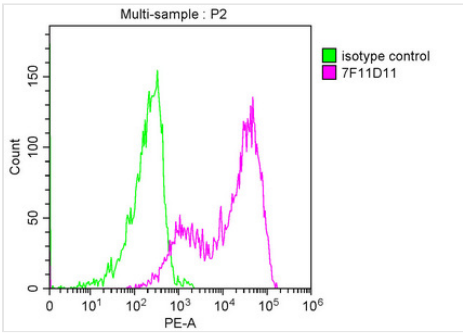
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	7F11D11
Purity/Purification	>95%, Protein A purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH7.4
Applicable Applications for anti-PD-L2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IP (Immunoprecipitation)
Application Notes	WB: 1:5000-1:640,000 IHC: 1:50-1:200 IF: 1:50-1:200 FC/FACS: 1:50-1:200 IP:2ul-5ul
Conjugation	Non-conjugated
Immunogen	Recombinant Human Programmed cell death 1 ligand 2 protein (21-118AA)
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



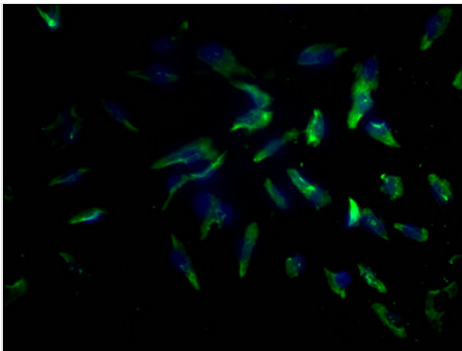
IP (Immunoprecipitation)

Immunoprecipitating PD-L2 in HeLa whole cell lysate Lane 1: Mouse control IgG instead of in HeLa whole cell lysate. Lane 2: (2ul) + HeLa whole cell lysate (500ug) Lane 3: HeLa whole cell lysate (20ug) For western blotting, the blot was detected at 1:2000, and a HRP-conjugated Protein G antibody was used as the secondary antibody at 1:2000



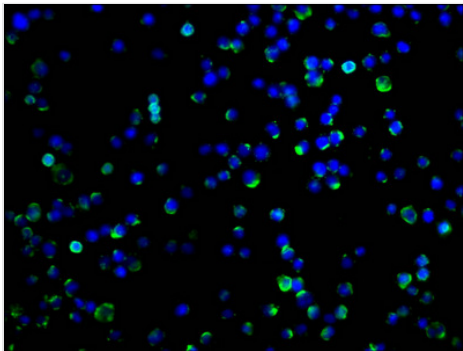
FCM (Flow Cytometry)

Overlay histogram showing 293 cells transfected with PD-L2 stained with (red line). The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (2ug/1*106cells) for 1 h at 4 degree C. The secondary antibody used was R-PE-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4 degree C. Isotype control antibody (green line) was mouse IgG2b (2ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



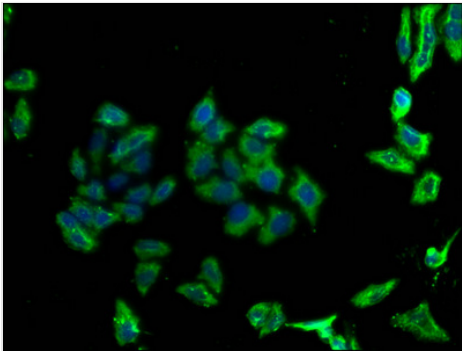
IF (Immunofluorescence)

Immunofluorescence staining of U251 cells at 1:100, counter-stained with DAPI. The cells were incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



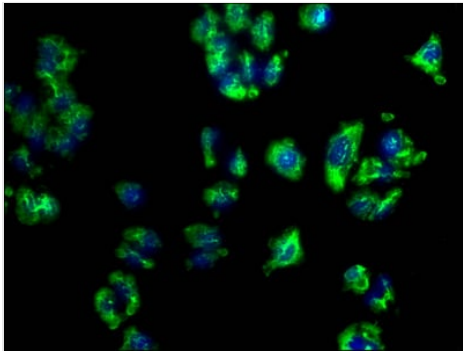
IF (Immunofluorescence)

Immunofluorescence staining of Raji cells at 1:100, counter-stained with DAPI. The cells were incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells at 1:100, counter-stained with DAPI. The cells were incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells at 1:100, counter-stained with DAPI. The cells were incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).

ADDITIONAL INFORMATION

Related Product Information for anti-PD-L2 antibody	Involved in the costimulatory signal, essential for T-cell proliferation and IFNG production in a PDCD1-independent manner. Interaction with PDCD1 inhibits T-cell proliferation by blocking cell cycle progression and cytokine production.
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Product Categories/Family for anti-PD-L2 antibody	Immunology
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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
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pd-l2-antibody-clone-7f11d11-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-immunoprecipitation-elisa/27047>