

anti-Human PD-L1 Antibody | anti-PD-L1 antibody

Anti-PD-L1 [XGMHc25.1]

CATALOG # AAA72314	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
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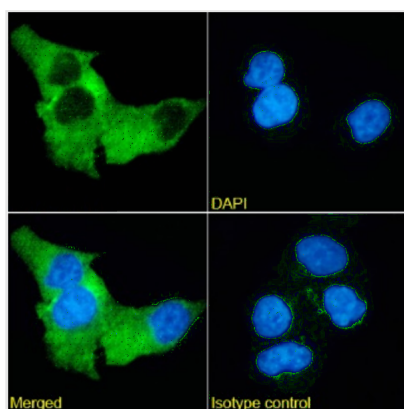
PRODUCT SYNONYMS

PD-L1; Anti-PD-L1 [XGMHc25.1]; CD274; PDL1; B7-H1; B7H1; B7 homolog 1; hPD-L1; PDCD1L1; PDCD1LG1; PDCD1 ligand 1; Programmed cell death 1 ligand 1; Programmed death ligand 1; anti-PD-L1 antibody

PRODUCT SPECIFICATIONS

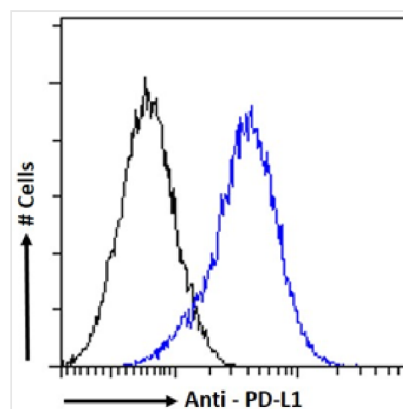
Reactivity	Human
Isotype	Human IgG1 kappa
Clone Number	XGMHc25.1
Specificity	This antibody binds human PD-L1.
Purity/Purification	Purified. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PD-L1 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of MDA-MB-231 cells with anti-PD-L1 XGMHc25.1. Immunofluorescence analysis of paraformaldehyde fixed MDA-MB-231 cells stained with the chimeric rabbit IgG version of XGMHc25.1 (1:1000 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1500 dilution), showing nuclear staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, DAPI, merged channels and an isotype control. The isotype control was anti-fluorescein antibody followed by staining with Alexa Fluor 488 secondary antibody.



FCM/FACS (Flow Cytometry)

Flow-cytometry using the anti-PD-L1 antibody XGMHc25.1. MDA-MB-231 cells were stained with an isotype control or the rabbit-chimeric version of XGMHc25.1 at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using Alexa Fluor 488 conjugated goat anti-rabbit IgG and cells analysed on a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for anti-PD-L1 antibody	The original antibody was generated by immunizing BALB/c mice with a human B7-H1 fusion protein. This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.
Product Categories/Family for anti-PD-L1 antibody	cancer; oncology; tumor

NCBI AND UNIPROT INFORMATION

NCBI GI #	390979639
NCBI GeneID	29126
NCBI Accession #	NP_001254635.1
NCBI GenBank Nucleotide #	NM_001267706.1
UniProt Accession #	Q9NZQ7; Q14CJ2; Q2V8D5; Q66RK1; Q6WEX4; Q9NUZ5; B2RBA2; B4DU27
Molecular Weight	33,275 Da
NCBI Official Full Name	programmed cell death 1 ligand 1 isoform b
NCBI Official Synonym Full Names	CD274 molecule
NCBI Official Symbol	CD274
NCBI Official Synonym Symbols	B7-H; B7H1; PDL1; PD-L1; PDCD1L1; PDCD1LG1
NCBI Protein Information	programmed cell death 1 ligand 1; B7 homolog 1; CD274 antigen; PDCD1 ligand 1; programmed death ligand 1
UniProt Protein Name	Programmed cell death 1 ligand 1
UniProt Gene Name	CD274
UniProt Synonym Gene Names	B7H1; PDCD1L1; PDCD1LG1; PDL1; PD-L1; PDCD1 ligand 1; Programmed death ligand 1; B7-H1
UniProt Entry Name	PD1L1_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.