

PDL1 recombinant antibody

Anti-PDL1 [YDC 127.1.1]

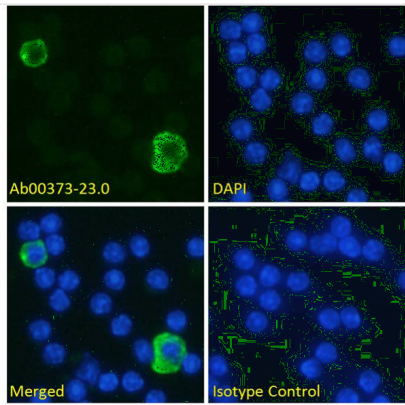
CATALOG # AAA71990	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

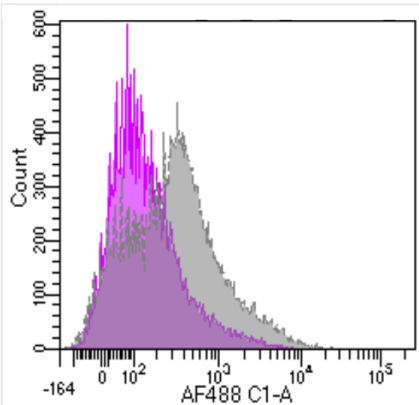
PDL1; Monoclonal Recombinant Antibody; Anti-PDL1 [YDC 127.1.1]; PD-L1; Programmed death-ligand 1; B7 Homolog 1; B7-H1; B7-H; CD274; PDCD1L1; PDCD1LG1; PDL1 recombinant antibody

PRODUCT SPECIFICATIONS

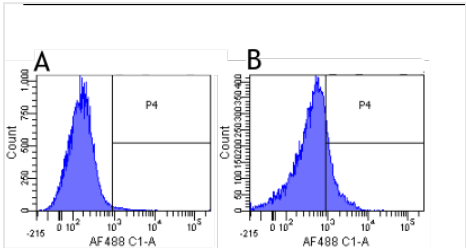
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG, Kappa
Clone Number	YDC 127.1.1
Specificity	This antibody binds to murine PDL1.
Purity/Purification	Protein A Affinity Purified
Concentration	1 mg/ml (varies by lot)
Sequence Length	290
Applicable Applications for PDL1 recombinant antibody	FCM/FACS (Flow Cytometry)
Immunogen	Murine PDL1.
Buffer Composition	PBS only with 0.02% Proclin 300.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.
Labeled Substance	None
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



IF (Immunofluorescence)
Immunofluorescence staining of fixed mouse splenocytes with anti-PDL1 (CD274) antibody YDC 127.1.1. Immunofluorescence analysis of paraformaldehyde fixed mouse (Mus musculus) splenocytes on Shi-fix coverslips, permeabilized with 0.15% Triton stained with the chimeric rabbit version of YDC 127.1.1 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing membrane and some cytoplasmic staining in a subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.



FCM/FACS (Flow Cytometry)
Flow-cytometry using anti-PD-L1 antibody YDC 127.1.1. Mouse splenocytes were stained with an isotype control or the rabbit-chimeric version of YDC 127.1.1 at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.



FCM/FACS (Flow Cytometry)
Flow-cytometry using anti-PDL1 antibody YDC 127.1.1. Mouse lymphocytes were stained with an isotype control or the rabbit-chimeric version of YDC 127.1.1 at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for PDL1 recombinant antibody	Recombinant monoclonal antibody to PDL1. Manufactured using a proprietary Recombinant Platform with variable regions (i.e. specificity) from the hybridoma YDC 127.1.1. Murine PDL1.
Product Categories/Family for PDL1 recombinant antibody	Immunology; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	11230798
NCBI GeneID	60533
NCBI Accession #	NP_068693.1
NCBI GenBank Nucleotide #	NM_021893.3
UniProt Accession #	Q9EP73
Molecular Weight	32,780 Da
NCBI Official Full Name	programmed cell death 1 ligand 1

NCBI Official Synonym Full Names	CD274 antigen
NCBI Official Symbol	Cd274
NCBI Official Synonym Symbols	B7h1; Pdl1; Pdcd1l1; Pdcd1lg1; A530045L16Rik
NCBI Protein Information	programmed cell death 1 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

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/pdl1-recombinant-antibody-clone-ydc-127-1-1-flow-cytometry-elisa/71990>