

Product datasheet for **TA386531**

PD-L1 (CD274) Rabbit Monoclonal Antibody [Clone ID: 332M7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	332M7
Applications:	BI, FC
Reactivity:	Human, Mouse, Monkey
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing BALB/c mice with recombinant human PD-L1.
Specificity:	<p>This antibody strongly binds human and cynomolgus monkey PD-L1 and shows weak binding for mouse PD-L1. PD-L1 is highly expressed in many human tumors. . PD-L1 exerts an immune suppressive signal through binding to PD-1 and B7.1, and tumor expression of PD-L1 can mediate cancer immune evasion. Blocking this pathway, therefore provides a rationale for cancer immunotherapy.</p> <p>The binding characterization of this antibody towards human, mouse and cynomolgus monkey PD-L1 was done using flow cytometry. This antibody was shown to block the binding of hPD-1-Fc protein to hPD-L1 expressed on the surface of the HEK-293T cells at a concentration of 10 µg/ml. The mouse version of this antibody was reported to inhibit patient derived melanoma tumor in tumor-bearing mice. There was also found an increase in the gene expression of CD8 and IFN-γ in tumor samples from mice treated with mouse version of this antibody (US20180346571).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	CD274 molecule

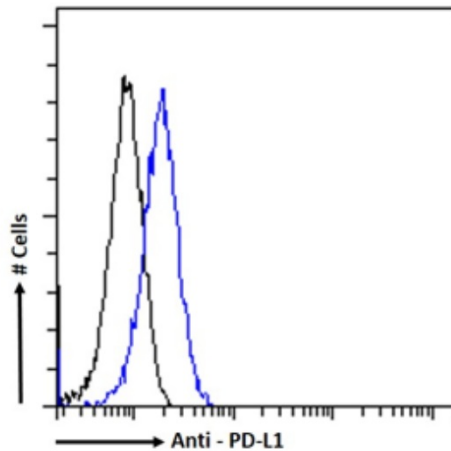
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Database Link: [Entrez Gene 29126 Human Q9NZQ7](#)

Synonyms: B7-H; B7-H1; B7H1; MGC142294; MGC142296; PD-L1; PDCD1L1; PDCD1LG1; PDL1

Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Product images:



Flow cytometry using the Anti-PD-L1 antibody 332M7 (TA386531). Paraformaldehyde fixed MDA-MB-231 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody ([TA385792]; isotype control, black line) or the rabbit IgG version of 332M7 (TA386531, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.