

Anti-PDL1 [alphaPD-L1] Standard Size Ab00377-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This full-length, chimeric mouse antibody was made using the variable domain sequences of the original Chicken scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, [Fc Silent™](#), Lambda

Clone Number: alphaPD-L1

Alternative Name(s) of Target: CD274;Programmed Cell Death Ligand 1; PDL1; PDL-1; B7 Homolog 1; B7-H1; B7-H; PDCD1L1; PDCD1LG1

UniProt Accession Number of Target Protein: Q9EP73

Published Application(s): Blocking, ELISA

Published Species Reactivity: Mouse

Immunogen: Mouse recombinant PD-L1.

Specificity: The antibody binds to murine PD-L1 with a Kd of 0.71 nM.

Application Notes: The antibody binds to PD-L1, a costimulatory signal protein necessary for T-cell proliferation.

Antibody First Published in: Drees et al. Soluble production of a biologically active single-chain antibody against murine PD-L1 in Escherichia coli. Protein Expression and Purification, 2014; 94:60-66

[PMID:24215864](#)

Note on publication: Describes the generation of an anti-PD-L1 scFv in chicken and determination of its binding characteristics.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.