

## Anti-PDL1 [alphaPD-L1] Bulk Size Ab00377-1.4-BT

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:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.