

Anti-PD-L2 [TY25] Standard Size Ab00883-2.3

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

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, Fc Silent™, Kappa

Clone Number: TY25

Alternative Name(s) of Target: CD273; B7-DC; PDL2; B7DC; programmed death ligand 2; CD273; Pdcd1lg2

UniProt Accession Number of Target Protein: Q9WUL5

Published Application(s): IP, WB, Block, FC

Published Species Reactivity: Mouse

Immunogen: This antibody was raised by immunising SD rats with B7-DC-transfected RAW264.7 cells and selected on B7-DC-transfected NRK.

Specificity: This antibody binds to mouse PD-L2 and competes with PD-1 binding. It does not cross-react with PD-L1.

Application Notes: This antibody has been used to detect murine PD-L2 by flow cytometry on stimulated dendritic cells as well as various mouse tumour cells. It also detects immunoprecipitates mouse PD-L2 and can be used to detect it by non-reducing Western Blot. TY25 inhibits PD-L2 binding to PD-1 transfected cells (Ansari et al. 2003, PMID: 12847137) and thereby blocks PD-L2 : PD-1 signalling.

Antibody First Published in: Yamazaki et al. Expression of programmed death 1 ligands by murine T cells and APC. J Immunol. 2002 Nov 15;169(10):5538-45 [PMID:12421930](#)

Note on publication: Describes the generation and initial characterisation of this antibody.

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.