

## Anti-PD-L2 [TY25] Standard Size Ab00883-2.0

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, 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.