

PE/Elab Fluor® 594 Anti-Mouse PD-L2 Antibody[TY25]

Catalog Number: AN00849P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

| | |
|-------------------------|---|
| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2a, κ |
| Clone No. | TY25 |
| Isotype Control | PE/Elab Fluor® 594 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832P] |
| Conjugation | PE/Elab Fluor® 594 |
| Conjugation Information | PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm (e.g., a 610/20 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |

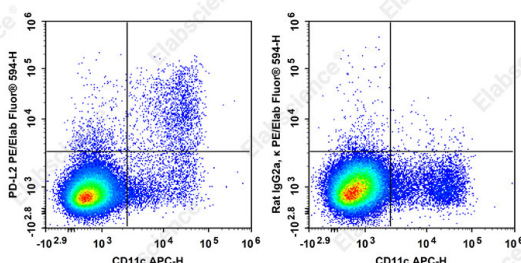
Applications

Recommended usage

FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Mouse splenic leucocytes were cultured overnight with recombinant mouse GM-CSF protein. The cells were preincubated with Purified Anti-Mouse CD16/32 Antibody, then stained with APC Anti-Mouse CD11c Antibody and PE/Elab Fluor® 594 Anti-Mouse PD-L2 Antibody[TY25] (left) or PE/Elab Fluor® 594 Rat IgG2a, κ Isotype Control (right). Total viable cells were used for analysis.

Preparation & Storage

| | |
|----------|---|
| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

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Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2

Alternate Names

PD-L2;PDL2;B7DC;CD273;AN00849

Uniprot ID

Q9WUL5

Gene ID

58205

Background

B7-DC is also called programmed death ligand 2 (PDL2). It has recently been clustered as CD273. This ligand is a 42 kD member of the immunoglobulin receptor superfamily expressed on a subset of dendritic cells, liver and a small subset of macrophages as well as a few transformed cell lines. CD273 has been reported to be stimulatory on dendritic cells when cross-linked and to inhibit T cell activation upon engaging the PD-1 receptor. CD273 has also been reported to bind to an alternative receptor and to mediate T cell activation through such non-PD1 mediated interactions. The TY25 antibody has been reported to be useful for blocking PD-1 mediated interactions.

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