

## Elab Fluor® 700 Anti-Human CD273/PD-L2 Antibody[24F.10C12]

Catalog Number: GFH1175M1

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

### Description

|                         |                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                  |
| Host                    | Mouse                                                                                                                                                                  |
| Isotype                 | Mouse IgG2a, κ                                                                                                                                                         |
| Clone No.               | 24F.10C12                                                                                                                                                              |
| Isotype Control         | Elab Fluor® 700 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802M1]                                                                                        |
| Conjugation             | Elab Fluor® 700                                                                                                                                                        |
| Conjugation Information | Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter). |
| Storage Buffer          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.                                                                                                    |

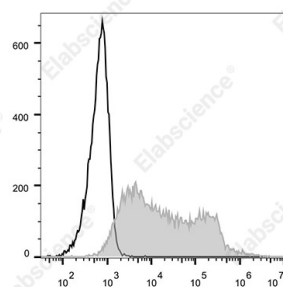
### Applications

### 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



Staining of the CHO cells transfected with pcDNA3.1 plasmid encoding Human CD273/PD-L2 gene with Elab Fluor® 700 Anti-Human CD273/PD-L2 Antibody[24F.10C12] (filled gray histogram) or Elab Fluor® 700 Mouse IgG2a, κ Isotype Control(empty black histogram). Total viable cells were used for analysis.

### Preparation & Storage

|          |                                                                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage  | Keep as concentrated solution.<br>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

|                 |                         |
|-----------------|-------------------------|
| Alternate Names | B7DC;CD273;PDCL1L2;PDL2 |
| Uniprot ID      | Q9BQ51                  |

### For Research Use Only

**Gene ID**

80380

**Background**

CD273, known as B7-DC, is also called programmed death ligand 2 (PDL2). This ligand is a 25 kD type I transmembrane protein and a member of B7 family within the immunoglobulin receptor superfamily and is 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.