

# Purified Anti-Human CD273 Antibody [24F.10C12]

AGEL5030

## Description

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This Purified Anti-Human CD273 Antibody [24F.10C12] is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Product Information

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| <b>SKU:</b>          | AGEL5030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Contents:</b>     | 25µg, 100µg, 1mg<br>Bradford Reagent: 1 vial (2ml)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Category:</b>     | Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Clonality:</b>    | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Clone:</b>        | 24F.10C12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms:</b>     | PDL, PD-L, PD-1 ligand, PDCD1 ligand, Programmed death ligand, Programmed cell death 1 ligand, PDCD1L, bA574F, PDCD1LG, B7DC, Btdc, CD273, PD-L2, PDCD1L2, PDL2, bA574F11.2, PDCD1LG2, B7-DC, Butyrophilin B7-DC, Programmed cell death 1 ligand 2, PD-1 ligand 2, PDCD1 ligand 2, Programmed death ligand 2, PDL2, PD-L2, B7 dendritic cell molecule, Butyrophilin B7 DC, Butyrophilin B7DC, CD 273, CD273 antigen, MGC142238, MGC142240, PD 1 ligand 2, PD L2, PD1 ligand 2, PD1L2, PDCD 1 ligand 2, PDL 2 |
| <b>Applications:</b> | <b>FCM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity:</b>   | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen:</b>    | Recombinant Human CD273 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Antibody Data

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|--------------------|--------|
| <b>Uniprot ID:</b> | -      |
| <b>Gene ID:</b>    | -      |
| <b>Swissprot:</b>  | Q9BQ51 |

|                                 |                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host Species:</b>            | Mouse                                                                                                                                        |
| <b>Isotype:</b>                 | Mouse IgG2a, κ                                                                                                                               |
| <b>Isotype Control:</b>         | -                                                                                                                                            |
| <b>Conjugation:</b>             | -                                                                                                                                            |
| <b>Conjugation Information:</b> | -                                                                                                                                            |
| <b>Buffer:</b>                  | Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling. |
| <b>Purification:</b>            | >98%, Protein A/G purified                                                                                                                   |
| <b>Target:</b>                  | CD273                                                                                                                                        |
| <b>Cellular Localization:</b>   | -                                                                                                                                            |
| <b>Tissue Specificity:</b>      | -                                                                                                                                            |
| <b>Verified Samples:</b>        | Verified Samples in FCM: HEK293T cells transfected with pcDNA3.1 plasmid encoding Human CD273 gene                                           |
| <b>Concentration:</b>           | ≥ 1 mg/mL                                                                                                                                    |

## Preparation & Storage

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**Storage:** Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.

**Shipping:** Ice bag

**Recommended Dilution:** FCM 2 µg/mL (0.5×10<sup>6</sup>-1×10<sup>6</sup> cells)

**Recommended Usage:**

| Application | Recommended Usage |
|-------------|-------------------|
| -           | -                 |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

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

