

LE/AF Purified Anti-Mouse CD273 Monoclonal Antibody

天津三箭生物技术股份有限公司
Tianjin Sungene Biotech Co., Ltd.
精准 高效 稳定 Precision Efficient Stable

Catalog Number	Vial Size
M12731-14B	50 µg
M12731-14E	500 µg
M12731-14F	1 mg

Market | 400-621-0003
marketing@sungenebiotech.com

Support | 022-66211636-8024
techsupport@sungenebiotech.com

Web | www.sungenebiotech.com

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

Purified Antibody Characterization

Clone	Isotype	Reactivity
TY25	Rat IgG2a	Mouse

Description

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.

Reported Applications

This TY25 antibody has been reported for use in flow cytometric staining. Additional reported applications (for the relevant formats) include: immunoprecipitation, Western blotting blocking of PD-1 mediated interactions, and immunohistochemistry of acetone-fixed frozen sections.

Product Information

Production Method: Stirred tank fermentation

Medium: Hybridoma-SFM + 1%FCS + Gln + Gluc + P/S

Purification Method: Protein G

Concentration: 1 mg/ml

Endotoxin: < 2.00 EU/mg (LAL)

Purity: >95% (by SDS-PAGE)

Sterile: 0.2 µm Filtration

Formulated: PBS, pH7.2

Storage: Keep as concentrated solution. Store at 4°C as an undiluted liquid. For extended storage aliquot contents and freeze at -20°C or lower. Avoid cycles of freezing and thawing.

For Research Use Only.