

Anti-PDCD1LG2 Antibody (5N738)

Product Details

Ig Type:	IgG1, k
Reactivity:	Human
Molecular Weight:	Theoretical: 29 kDa. Actual: 40-55 kDa.
Clone:	5N738
Purification:	Protein G purified

Applications

1. Immunohistochemical analysis of PDL-2 in untransfected (left) or transfected (right) with 293T cell sections. Cell was fixed with formaldehyde; antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1: 25) for 1 hours at room temperature. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Verified Activity: 2. Sample:
Lane 1: Non-transfected 293T cell lysates
Lane 2: Transfected PD-L2-transfected 293T cell lysates
Primary: Anti-PDCD1LG2 (TMAB-10096) at 1/8000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 29 kD
Observed band size: 40-55 kD

Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:1000-2000; IHC-P: 1:100-400; IHC-Fr: 1:100-400; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PDCD1LG2
Antigen Species:	Human
Gene ID:	80380
Uniprot ID:	Q9BQ51

Research Background

B7DC is a 33kDa member of the immunoglobulin receptor superfamily expressed on DC, liver and a small subset of macrophages as well as a few transformed cell lines. B7DC has been reported to be stimulatory on dendritic cells when cross linked and to inhibit T cell activation upon engaging the PD1 receptor. B7DC has also been reported to bind to an alternative receptor and to mediate T cell activation through non PD1 mediated interactions.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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