

Product Datasheet

PD-L2/B7-DC/PDCD1LG2 Antibody (TY25) - BSA Free NB100-65332

Unit Size: 0.125 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-65332

Updated 1/4/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-65332



NB100-65332

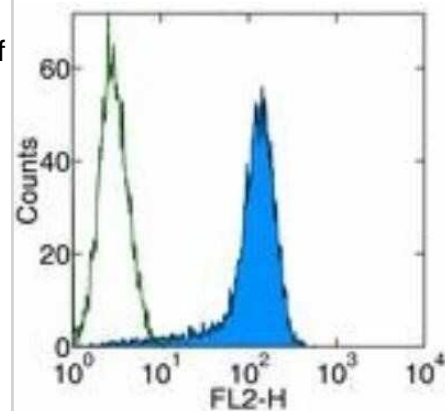
PD-L2/B7-DC/PDCD1LG2 Antibody (TY25) - BSA Free

Product Information	
Unit Size	0.125 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	TY25
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Rat
Gene ID	80380
Gene Symbol	PDCD1LG2
Species	Mouse
Specificity/Sensitivity	NB100-65332 recognizes mouse CD273, a 42kD member of the B7 family, otherwise known as B7-dendritic cell (B7-DC), or programmed death ligand-2 (PD-L2). The expression of CD273 is restricted to a subpopulation of dendritic cells (DCs), and DCs and macrophages that have been stimulated with interferon gamma, GM-CSF or IL-4. CD273 has been identified as a ligand for PD-1(CD279), along with another B7 family member B7-H1 (CD274). Studies suggest that both CD273 and B7-H1 co-stimulate or inhibit T cell proliferation and cytokine production. Antibodies produced by clone TY25 are reported to block the binding of CD273 (B7-DC) to it's receptor.
Immunogen	B7-DC transfected RAW264.7 cells.
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:100-1:200, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

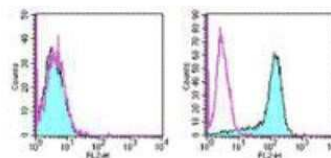


Images

Flow Cytometry: PD-L2/B7-DC/PDCD1LG2 Antibody (TY25) [NB100-65332] - Analysis using the Biotin conjugate of NB100-65332. Staining of B7-DC transfected cells with Anti-Mouse CD273 (B7-DC) PE. Appropriate isotype controls were used (open histogram). Total viable cells were used for analysis.



Flow Cytometry: PD-L2/B7-DC/PDCD1LG2 Antibody (TY25) [NB100-65332] - Analysis using the PE conjugate of NB100-65332. Staining of non-transfected (left) and mouse B7-DC-transfected (right) cells with 0.25 ug of Rat IgG2a kappa Isotype Control PE (NBP1-43780) (open histogram) or 0.06 ug of Anti-Mouse CD273 (B7-DC) PE (filled histogram).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-65332

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

