

# Product Datasheet

## **PD-L2/B7-DC/PDCD1LG2 Antibody (TY25) [Alexa Fluor® 350] NB100-65332AF350**

Unit Size: 0.125 ml

Store at 4C in the dark.

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**NB100-65332AF350**

PD-L2/B7-DC/PDCD1LG2 Antibody (TY25) [Alexa Fluor® 350]

Product Information	
Unit Size	0.125 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	TY25
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 350
Purity	Protein G purified
Buffer	50mM Sodium Borate
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.
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**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Images**

PD-L2/B7-DC/PDCD1LG2 Antibody (TY25) [Alexa Fluor® 350] [NB100-65332AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.





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### **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.

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