

# Product Datasheet

## PD-L1 Antibody (29E.2A3) - Low Endotoxin, Azide and BSA Free NBP3-09098

Unit Size: 0.1 mg

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

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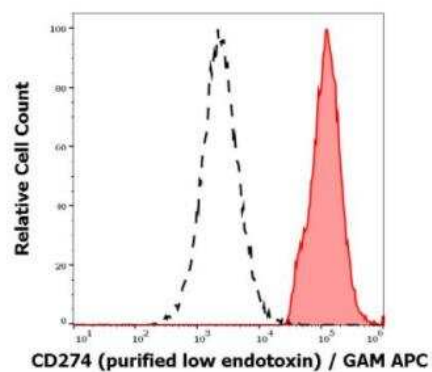
**NBP3-09098**

PD-L1 Antibody (29E.2A3) - Low Endotoxin, Azide and BSA Free

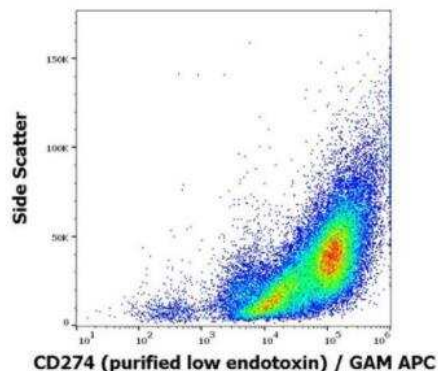
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	29E.2A3
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, 0.2 um filter sterilized
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	29126
<b>Gene Symbol</b>	CD274
<b>Species</b>	Human, Primate
<b>Specificity/Sensitivity</b>	The mouse monoclonal antibody 29E.2A3 recognizes an extracellular epitope of CD274 / PD-L1 (also known as B7-H1), a 40 kDa type I transmembrane protein expressed by dendritic cells, activated T cells, activated monocytes, and in various tissues, above all in heart and skeletal muscle, placenta and lung, and in many cancer cells, including T cell lymphomas, melanomas, and glioblastomas.
<b>Immunogen</b>	Full length human PD-L1
<b>Endotoxin Note</b>	Endotoxin level is less than 0.01 EU/ug of the protein, as determined by the LAL test.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Functional, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry 1-4 ug/ml, Immunohistochemistry-Frozen, Functional

## Images

Flow Cytometry: PD-L1 Antibody (29E.2A3) - Low Endotoxin, Azide and BSA Free [NBP3-09098] - Separation of cells stained using anti-human CD274 (29E.2A3) purified antibody (low endotoxin, concentration in sample 4 ug/ml, GAM APC, red-filled) from cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining) of PHA stimulated peripheral blood mononuclear cell suspension.



Flow Cytometry: PD-L1 Antibody (29E.2A3) - Low Endotoxin, Azide and BSA Free [NBP3-09098] - Surface staining pattern of human PHA stimulated peripheral blood mononuclear cell suspension stained using anti-human CD274 (29E.2A3) purified antibody (low endotoxin, concentration in sample 4 ug/ml) GAM APC.





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### **Products Related to NBP3-09098**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-76769PEP-0.1mg	PD-L1 Antibody Blocking Peptide

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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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