

# Product Datasheet

## ILT5/CD85a/LILRB3 Antibody (4F9) - BSA Free NB100-64329

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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Updated 9/9/2025 v.20.1

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**NB100-64329**

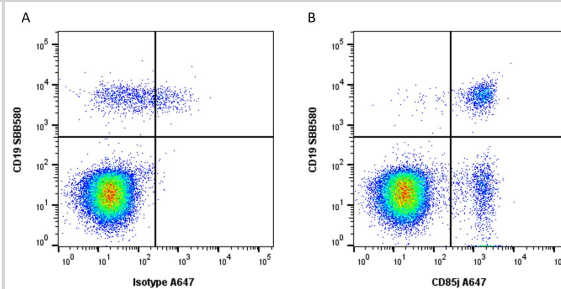
ILT5/CD85a/LILRB3 Antibody (4F9) - BSA Free

Product Information	
Unit Size	0.1 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	4F9
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse ILT5/CD85a/LILRB3 Antibody (4F9) - BSA Free (NB100-64329) is a monoclonal antibody validated for use in IHC and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11025
Gene Symbol	LILRB3
Species	Human
Specificity/Sensitivity	NB100-64329 is specific for human CD85a (leucocyte immunoglobulin-like receptor, subfamily B, member 3/ LILRB3), also known as ILT-5, expressed by monocytes, dendritic cells, macrophages, subpopulation of T lymphocytes, B cells and at high levels on plasma cells. CD85a is a 631 amino acid type I transmembrane glycoprotein, which contains four immunoreceptor tyrosine-based inhibition motif (ITIM) sequences within a long cytoplasmic tail. Phosphorylation of the tyrosine residues within ITIMs is known to enable the binding and activation of protein tyrosine phosphatases, which act as cell signalling modulators and inhibitors of cell activation.
Immunogen	Monocyte derived dendritic cells
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:50-1:200, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:100



## Images

Flow Cytometry: ILT5/CD85a/LILRB3 Antibody (4F9) [NB100-64329] - Figure A. StarBright Blue 580 conjugated Mouse anti Human CD19 and Alexa Fluor 647 conjugated Mouse IgG1 isotype control. Figure B. StarBright Blue 580 conjugated Mouse anti Human CD1 and Alexa Fluor 647 conjugated Mouse anti Human CD85j. All experiments performed on red cell lysed human blood gated on single cell lymphocytes, in the presence of 10% human serum. Data acquired on the ZE5 Cell Analyzer.





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### **Products Related to NB100-64329**

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NBL1-12529	ILT5/CD85a/LILRB3 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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