

# Product Datasheet

## **2B4/CD244/SLAMF4 Antibody (2B4.69) [Janelia Fluor® 646] NB100-65889JF646**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-65889JF646**

2B4/CD244/SLAMF4 Antibody (2B4.69) [Janelia Fluor® 646]

Product Information	
Unit Size	0.1 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	2B4.69
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Janelia Fluor 646
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	51744
Gene Symbol	CD244
Species	Human
Specificity/Sensitivity	NB100-65889 is specific for the CD244 cell surface antigen, also known as natural killer receptor 2B4 (NKG2B4). The glycoprotein CD244 is a member of the SLAM family of receptors which is expressed on natural killer (NK) cells, gamma delta T cells, CD14+ monocytes, and a subset of CD8+ T cells. CD244 was originally identified as an activating receptor on NK cells, although recent studies suggest that the receptor may have a wide range of activities including NK cell activation, costimulation, or even inhibition, depending on the cell type and stage of differentiation. The ligand of 2B4 is CD48, a GPI-anchored membrane protein also belonging to the SLAM family.
Immunogen	CD244 Fusion protein
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunoprecipitation
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-65889JF646**

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NBP1-97005JF646	Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 646]
NBP1-76558PEP	2B4/CD244/SLAMF4 Antibody Blocking Peptide
285-IF-100	IFN-gamma [Unconjugated]
1039-2B-050	2B4/CD244/SLAMF4

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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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