

Product Datasheet

2B4/CD244/SLAMF4 Antibody (2B4.69) [Alexa Fluor® 532] NB100-65889AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-65889AF532

2B4/CD244/SLAMF4 Antibody (2B4.69) [Alexa Fluor® 532]

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	Alexa Fluor 532
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	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.



Product Application Details

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

Images

2B4/CD244/SLAMF4 Antibody (2B4.69) [Alexa Fluor® 532] [NB100-65889AF532] - Vial of Alexa Fluor 532 conjugated antibody. Alexa Fluor 532 is optimally excited at 532 nm by the Yellow-Green laser (561 nm) and has an emission maximum of 554 nm.





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Products Related to NB100-65889AF532

NBP1-97005AF532	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 532]
NBP1-76558PEP	2B4/CD244/SLAMF4 Antibody Blocking Peptide
285-IF-100	IFN-gamma [Unconjugated]
1039-2B-050	2B4/CD244/SLAMF4

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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