

Product Datasheet

CD52 Antibody (HI186) [Alexa Fluor® 405] NB500-311AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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NB500-311AF405

CD52 Antibody (HI186) [Alexa Fluor® 405]

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	HI186
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 405
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	1043
Gene Symbol	CD52
Species	Human
Specificity/Sensitivity	The antibody HI186 reacts with CD52 (CAMPATH-1), a 21-28 kDa glycoprotein containing a large N-linked carbohydrate moiety; mature CD52 molecule is actually much smaller (approx. 8-9 kDa). CD52 is expressed at high levels on lymphocytes, monocytes/macrophages and in male reproductive tract. HLDA VI; WS Code BP 523 HLDA VI; WS Code T 6T-057
Immunogen	Human tonsil (NM_001803.2).
Notes	<p>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.</p>

Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready



Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
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Publications

Francesca Pettinella, Barbara Mariotti, Chiara Lattanzi, Kirsten Bruderek, Marta Donini, Sara Costa, Olivia Marini, Giulia Iannoto, Sara Gasperini, Elena Cavegion, Monica Castellucci, Federica Calzetti, Francisco Bianchetto-Aguilera, Elisa Gardiman, Matteo Giani, Stefano Dusi, Maurizio Cantini, Aurora Vassanelli, Denise Pavone, Michele Milella, Sara Pilotto, Pamela Biondani, Benedikt Höing, Marie Carolin Schleupner, Timon Hussain, Boris Hadaschik, Cordelia Kaspar, Carlo Visco, Cristina Tecchio, Leo Koenderman, Flavia Bazzoni, Nicola Tamassia, Sven Brandau, Marco A. Cassatella, Patrizia Scapini Surface CD52, CD84, and PTGER2 mark mature PMN-MDSCs from cancer patients and G-CSF-treated donors Cell Reports Medicine 2024-01-18 [PMID: 38242120]





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Products Related to NB500-311AF405

IC003V	Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 405]
NB500-311AF488	CD52 Antibody (HI186) [Alexa Fluor® 488]
NBP2-61993-20ug	Recombinant Human CD52 hIgG-His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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