

Product Datasheet

CD14 Antibody (M5E2) [Alexa Fluor® 488] NB100-77758AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-77758AF488

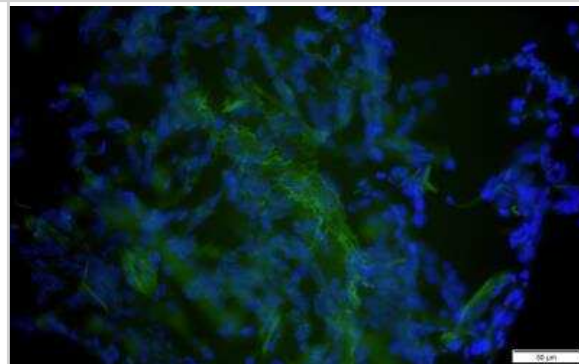
CD14 Antibody (M5E2) [Alexa Fluor® 488]

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	M5E2
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Alexa Fluor 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	929
Gene Symbol	CD14
Species	Human, Porcine, Bovine, Canine, Primate
Reactivity Notes	Expected to cross react with Chimpanzee, Cynomolgus, Rhesus, Pigtailed Macaque, Capuchin Monkey, Cotton-topped Tamarin, Common Marmoset, Squirrel Monkey.
Immunogen	Human peripheral blood cells.
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	Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Block/Neutralize, CyTOF-ready, Dual RNAscope ISH-IHC
Recommended Dilutions	Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, CyTOF-ready, Block/Neutralize, Dual RNAscope ISH-IHC
Application Notes	Optimal dilution of this antibody should be experimentally determined.

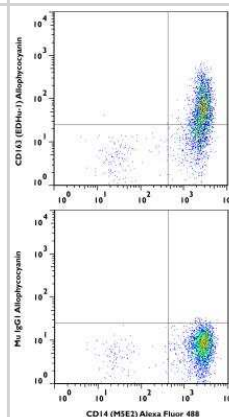


Images

Immunohistochemistry-Frozen: CD14 Antibody (M5E2) [Alexa Fluor 488] [NB100-77758AF488] - Human lung tissue was stained with FITC-conjugated CD14 (Green) for overnight.



Flow Cytometry: CD14 Antibody (M5E2) [Alexa Fluor 488] [NB100-77758AF488] - A surface stain was performed on human peripheral blood monocytes with CD163 (EDHu-1) antibody NB110-40686APC and a matched isotype control NBP2-27287APC. Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature. A co-stain was performed with NB100-77758AF488.



Publications

Walksman R, Lipinski MJ, Acampado E et al. Comparison of Acute Thrombogenicity for Metallic and Polymeric Bioabsorbable Scaffolds Magmaris Versus Absorb in a Porcine Arteriovenous Shunt Model. *Circ Cardiovasc Interv.* 2017-08-10 [PMID: 28801538] (ICC/IF, Porcine)



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Products Related to NB100-77758AF488

NBP1-96981AF488	Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 488]
NB100-77758AF647	CD14 Antibody (M5E2) [Alexa Fluor® 647]
NBP2-52177-0.05mg	Recombinant Mouse CD14 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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