

# Product Datasheet

## Complement C3 Antibody (11H9) [Alexa Fluor® 594] NB200-540AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB200-540AF594**

Complement C3 Antibody (11H9) [Alexa Fluor® 594]

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	11H9
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 594
Purity	Protein G purified
Buffer	50mM Sodium Borate
Target Molecular Weight	187 kDa

Product Description	
Host	Rat
Gene ID	718
Gene Symbol	C3
Species	Mouse, E. coli
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:34433493). Use in E. coli reported in scientific literature (PMID:32422907).
Specificity/Sensitivity	Mouse Complement C3 and its activation products, C3b, iC3b, C3d and C3dg
Immunogen	This Complement C3 Antibody (11H9) was developed against C57BL/6 thymocytes saturated with rat anti-Thy-1 monoclonal antibody of IgG2b subclass (RmT1).
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 <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . 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, Flow (Intracellular), Immunoassay, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready



<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoassay, Flow (Intracellular), CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Publications

T Liu, M Yang, Y Xia, C Jiang, C Li, Z Jiang, X Wang Microarray-based analysis of renal complement components reveals a therapeutic target for lupus nephritis *Arthritis Research & Therapy*, 2021-08-25;23(1):223. 2021-08-25 [PMID: 34433493]





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### **Products Related to NB200-540AF594**

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IC006T	Rat IgG2a Isotype Control (54447) [Alexa Fluor® 594]
P3343-10ug	Recombinant Mouse Complement C3 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
H00000718-Q01-10ug	Recombinant Human Complement C3 GST (N-Term) Protein

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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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