

# Product Datasheet

## Complement Component C3aR Antibody (3G7) - Chimeric - Azide and BSA Free NBP2-52674-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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Updated 10/19/2023 v.20.1

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**NBP2-52674-0.2mg**

Complement Component C3aR Antibody (3G7) - Chimeric - Azide and BSA Free

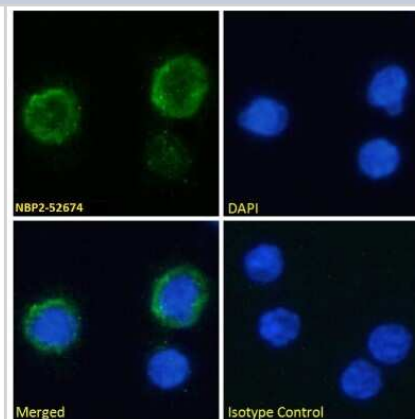
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	3G7
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	719
Gene Symbol	C3AR1
Species	Human
Specificity/Sensitivity	Binds specifically to the 2e loop of the human C3a receptor, residues 185-193.
Immunogen	The 2e loop of the C3a receptor.

Product Application Details	
Applications	ELISA, Flow Cytometry, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunofluorescence, CyTOF-ready
Application Notes	This antibody is Cytof ready. This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques. This scFv antibody binds to the 2e loop of the human Complement Component C3a receptor, a G protein-coupled receptor stimulating chemotaxis, superoxide anion generation and granule enzyme release.

**Images**

Immunofluorescence: Complement Component C3aR Antibody (3G7) - Chimeric [NBP2-52674] - Immunofluorescence analysis of paraformaldehyde fixed human PBMs on Shi-fix(TM) coverslips, permeabilized with 0.15% Triton and stained with the chimeric rabbit IgG version of 3G7 (NBP2-52674) at 10 ug/ml for 1h followed by Alexa Fluor (R) 488 secondary antibody (1 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-52674, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor(R) 488 secondary antibody.



**Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

**Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

**Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

**General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

**Products Related to NBP2-52674-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00000719-P01-2ug	Recombinant Human Complement Component C3aR GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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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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