

# Product Datasheet

## Complement Component C5aR1 Antibody (32-G1) - Chimeric - Azide and BSA Free **NBP3-12085-0.2mg**

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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**NBP3-12085-0.2mg**

Complement Component C5aR1 Antibody (32-G1) - Chimeric - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	32-G1
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

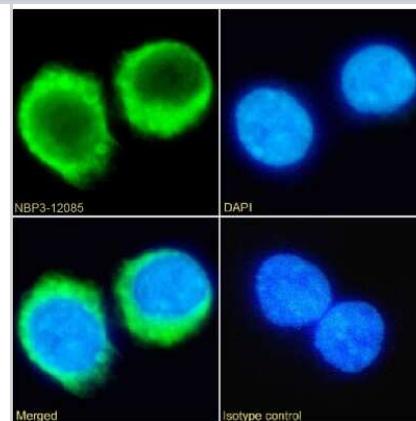
<b>Description</b>	Novus Biologicals Rabbit Complement Component C5aR1 Antibody (32-G1) - Chimeric - Azide and BSA Free (NBP3-12085) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	728
<b>Gene Symbol</b>	C5AR1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The 32-G1 antibody recognizes Complement Component C5aR1 which has its serine 334 phosphorylated. The mAb 32-G1 reacted specifically with a Complement Component C5aR1 peptide that contained phosphoserine 334 and also reacted with Complement Component C5aR1s that were isolated from C5a-stimulated, transfected RBL-Complement Component C5aR1 cells.
<b>Immunogen</b>	This antibody was raised by immunizing mice a synthetic Complement Component C5aR1 C-terminal phosphopeptide that contained phosphoserine instead of serine at position 334 and also at the neighboring phosphorylation sites Ser-332 and Ser-338.

**Product Application Details**

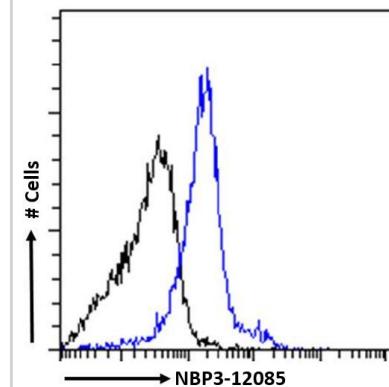
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

## Images

Immunocytochemistry/Immunofluorescence: Complement Component C5aR1 Antibody (32-G1) - Chimeric [NBP3-12085] -  
 Immunofluorescence analysis of paraformaldehyde fixed U937 cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version 32-G1 (NBP3-12085) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12085, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



Flow Cytometry: Complement Component C5aR1 Antibody (32-G1) - Chimeric - Azide and BSA Free [NBP3-12085] - U937 cells were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-12085 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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## Products Related to NBP3-12085-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00000728-Q01-10ug	Recombinant Human Complement Component C5aR1 GST (N-Term) 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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