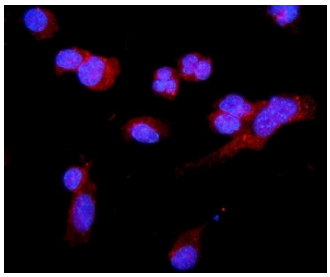
C5a receptor Antibody / C5ar1 / C5a-r (RQ5707)

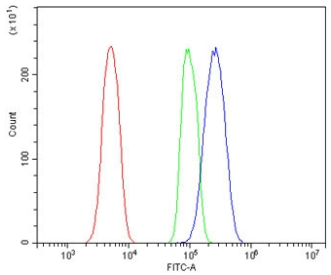
Catalog No.	Formulation	Size
RQ5707	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

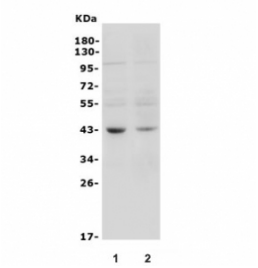
Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P30993
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 2-4ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This C5a receptor antibody is available for research use only.



Immunofluorescent staining of FFPE mouse HEPA1-6 cells with C5a receptor antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of mouse RAW264.7 cells with C5a receptor antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= C5a-R antibody.



Western blot testing of mouse 1) spleen and 2) thymus lysate with C5a receptor antibody. Predicted molecular weight ~43 kDa.

Description

The C5a receptor also known as complement component 5a receptor 1 (C5AR1) or CD88 (Cluster of Differentiation 88) is a G protein-coupled receptor for C5a. It functions as a complement receptor. C5a receptor modulates inflammatory responses, obesity, development and cancers.

Application Notes

Optimal dilution of the C5a receptor antibody should be determined by the researcher.

Immunogen

Recombinant mouse protein (amino acids H29-D327) was used as the immunogen for the C5a receptor antibody.

Storage

After reconstitution, the C5a receptor antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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