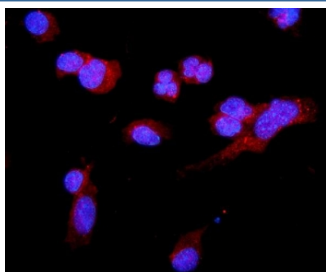


## C5a receptor Antibody / C5ar1 / C5a-r (RQ5707)

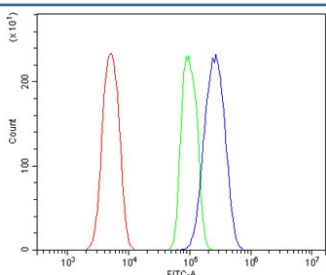
Catalog No.	Formulation	Size
RQ5707	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

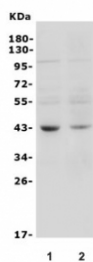
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P30993
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunofluorescence : 2-4ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.