

## C5AR1 antibody

### Product Information

Catalog No.:	FNab01118
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a(PubMed:1847994, PubMed:8182049, PubMed:7622471, PubMed:9553099, PubMed:10636859, PubMed:15153520). The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events(PubMed:8182049, PubMed:7622471, PubMed:9553099). Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production(PubMed:10636859, PubMed:15153520).

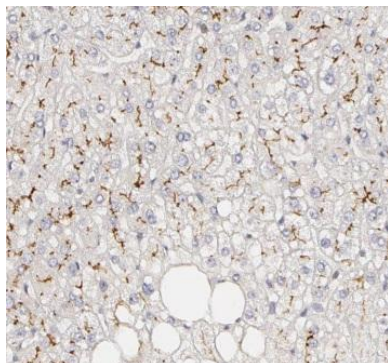
### Immunogen information

Immunogen:	complement component 5a receptor 1
Synonyms:	C5a anaphylatoxin chemotactic receptor 1 C5a anaphylatoxin chemotactic receptor (C5a-R, C5aR) C5AR1 C5AR C5R1
Observed MW:	45-50 kDa
Uniprot ID :	P21730

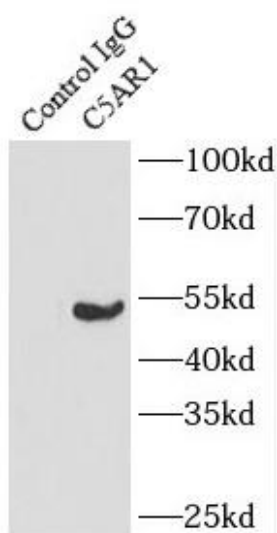
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:500-1:1000; IHC: 1:20-1:200; IF: 1:10-1:100

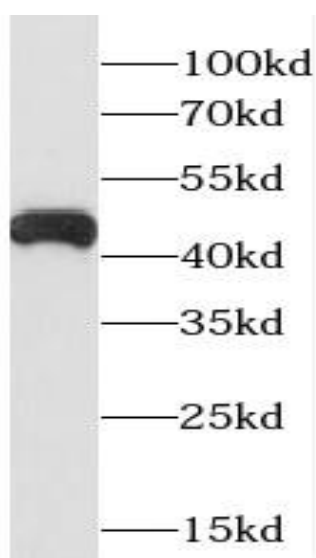
Image:



Immunohistochemistry of paraffin-embedded human liver using FNab01118(C5AR1 antibody) at dilution of 1:50



IP Result of anti-C5AR1 (IP:FNab01118, 4ug; Detection:FNab01118 1:600) with mouse liver tissue lysate 6400ug.



PC-3 cells were subjected to SDS PAGE followed by western blot with FNab01118(C5AR1 antibody) at dilution of 1:800