

Anti-C3aR antibody



Description	Rabbit polyclonal to C3aR.
Model	STJ91933
Host	Rabbit
Reactivity	Human
Applications	ELISA, IF, IHC
Immunogen	Synthesized peptide derived from human C3aR
Immunogen Region	150-230 aa, Internal
Gene ID	719
Gene Symbol	C3AR1
Dilution range	IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000
Specificity	C3aR Polyclonal Antibody detects endogenous levels of C3aR protein.
Tissue Specificity	Widely expressed in several differentiated hematopoietic cell lines, in the lung, spleen, ovary, placenta, small intestine, throughout the brain, heart, and endothelial cells. Mostly expressed in lymphoid tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	C3a anaphylatoxin chemotactic receptor C3AR C3a-R
Molecular Weight	53.864 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:13190MIM:605246
Alternative Names	C3a anaphylatoxin chemotactic receptor C3AR C3a-R
Function	Receptor for the chemotactic and inflammatory peptide anaphylatoxin C3a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.
Cellular Localization	Cell membrane. Multi-pass membrane protein.
Post-translational Modifications	Among the sulfation sites Tyr-174 is essential for binding of C3a anaphylatoxin. O-glycosylated.

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