

C5AR1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP10701c**Specification**

C5AR1 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P21730](#)**C5AR1 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 728**Other Names**

C5a anaphylatoxin chemotactic receptor 1, C5a anaphylatoxin chemotactic receptor, C5a-R, C5aR, CD88, C5AR1, C5AR, C5R1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

C5AR1 Antibody (Center) Blocking peptide - Protein Information**Name** C5AR1**Synonyms** C5AR, C5R1**Function**

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a (PubMed:1847994, PubMed:8182049, PubMed:7622471, PubMed:9553099, PubMed:10636859, PubMed:15153520, PubMed:29300009). 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, PubMed:29300009).

href="http://www.uniprot.org/citations/10636859" target="_blank">10636859, PubMed:15153520).

Cellular Location

Cell membrane; Multi-pass membrane protein. Cytoplasmic vesicle. Note=Phosphorylated C5aR colocalizes with ARRB1 and ARRB2 in cytoplasmic vesicles

C5AR1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

C5AR1 Antibody (Center) Blocking peptide - Images**C5AR1 Antibody (Center) Blocking peptide - Background**

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.

C5AR1 Antibody (Center) Blocking peptide - References

Skeie, J.M., et al. Invest. Ophthalmol. Vis. Sci. 51(10):5336-5342(2010)Nishiura, H., et al. Apoptosis 15(8):966-981(2010)Han, S., et al. Hum. Immunol. 71(7):727-730(2010)Marc, M.M., et al. Scand. J. Immunol. 71(5):386-391(2010)Rajaraman, P., et al. Cancer Epidemiol. Biomarkers Prev. 19(5):1356-1361(2010)