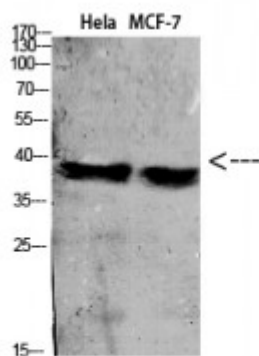


## Anti-CD88 antibody



|                         |                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>      | Rabbit polyclonal to CD88.                                                                                            |
| <b>Model</b>            | STJ97663                                                                                                              |
| <b>Host</b>             | Rabbit                                                                                                                |
| <b>Reactivity</b>       | Human                                                                                                                 |
| <b>Applications</b>     | ELISA, WB                                                                                                             |
| <b>Immunogen</b>        | Synthesized peptide derived from human CD88.                                                                          |
| <b>Immunogen Region</b> | 1-50 aa, N-terminal                                                                                                   |
| <b>Gene ID</b>          | <a href="#">728</a>                                                                                                   |
| <b>Gene Symbol</b>      | <a href="#">C5AR1</a>                                                                                                 |
| <b>Dilution range</b>   | WB 1:500-1:2000ELISA 1:10000                                                                                          |
| <b>Specificity</b>      | CD88 Polyclonal Antibody detects endogenous levels of CD88 protein.                                                   |
| <b>Purification</b>     | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>             | For Research Use Only (RUO).                                                                                          |
| <b>Protein Name</b>     | C5a anaphylatoxin chemotactic receptor 1 C5a anaphylatoxin chemotactic receptor C5a-R C5aR CD antigen CD88            |
| <b>Clonality</b>        | Polyclonal                                                                                                            |
| <b>Conjugation</b>      | Unconjugated                                                                                                          |
| <b>Isotype</b>          | IgG                                                                                                                   |

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation</b>                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>                    | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Instruction</b>              | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Database Links</b>                   | <a href="https://www.ebi.ac.uk/ENSP/entry/HGNC:1338OMIM:113995">HGNC:1338OMIM:113995</a>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Alternative Names</b>                | C5a anaphylatoxin chemotactic receptor 1 C5a anaphylatoxin chemotactic receptor C5a-R C5aR CD antigen CD88                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Function</b>                         | Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a . 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 . Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production .                                                                             |
| <b>Cellular Localization</b>            | Cell membrane Cytoplasmic vesicle. Phosphorylated C5aR colocalizes with ARRB1 and ARRB2 in cytoplasmic vesicles.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Post-translational Modifications</b> | Sulfation plays a critical role in the association of C5aR with C5a, but no significant role in the ability of the receptor to transduce a signal and mobilize calcium in response to a small a small peptide agonist . Sulfation at Tyr-14 is important for CHIPS binding . Phosphorylated on serine residues in response to C5a binding, resulting in internalization of the receptor and short-term desensitization to the ligand. The key residues involved in this process are Ser-334 and Ser-338. |