

**CD88 (phospho Ser338) Polyclonal Antibody**

<b>Catalog No :</b>	YP0982
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	CD88
<b>Fields :</b>	>>Neuroactive ligand-receptor interaction;>>Complement and coagulation cascades;>>Neutrophil extracellular trap formation;>>Alcoholic liver disease;>>Staphylococcus aureus infection;>>Coronavirus disease - COVID-19
<b>Gene Name :</b>	C5AR1
<b>Protein Name :</b>	C5a anaphylatoxin chemotactic receptor
<b>Human Gene Id :</b>	728
<b>Human Swiss Prot No :</b>	P21730
<b>Mouse Swiss Prot No :</b>	P30993
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human CD88/C5aR around the phosphorylation site of Ser338. AA range:301-350
<b>Specificity :</b>	Phospho-CD88 (S338) Polyclonal Antibody detects endogenous levels of CD88 protein only when phosphorylated at S338.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 39kD

**Cell Pathway :** Neuroactive ligand-receptor interaction;Complement and coagulation cascades;

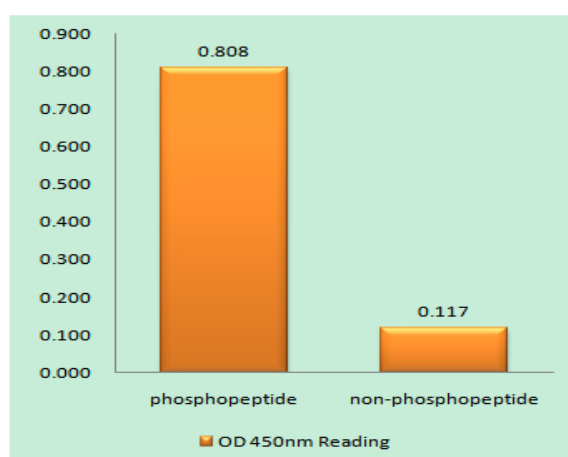
**Background :** function:Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.,PTM:Sulfation plays a critical role in the association of the receptor with C5a, but no significant role in the ability of the receptor to transduce a signal and mobilize calcium in response to a small peptide agonist.,similarity:Belongs to the G-protein coupled receptor 1 family.,

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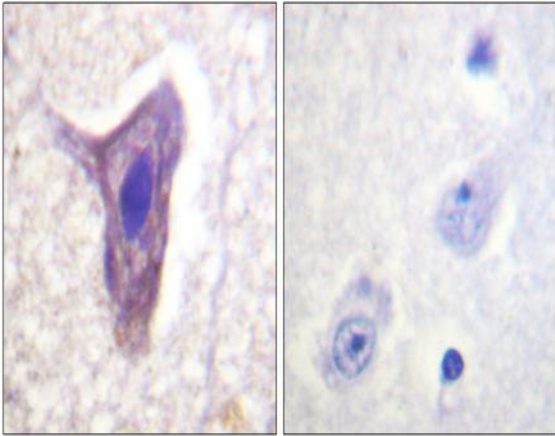
**Subcellular Location :** Cell membrane ; Multi-pass membrane protein . Cytoplasmic vesicle . Phosphorylated C5aR colocalizes with ARRB1 and ARRB2 in cytoplasmic vesicles. .

**Expression :** Brain,

## Products Images



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CD88/C5aR (Phospho-Ser338) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using CD88/C5aR (Phospho-Ser338) Antibody. The picture on the right is blocked with the phospho peptide.