

## CD88 (phospho Ser338) Polyclonal Antibody

Catalog No: YP0982

**Reactivity:** Human; Rat; Mouse;

**Applications:** IHC;IF;ELISA

Target: CD88

**Fields:** >>Neuroactive ligand-receptor interaction;>>Complement and coagulation

cascades;>>Neutrophil extracellular trap formation;>>Alcoholic liver

disease;>>Staphylococcus aureus infection;>>Coronavirus disease - COVID-19

Gene Name: C5AR1

**Protein Name:** C5a anaphylatoxin chemotactic receptor

P21730

P30993

Human Gene Id: 728

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

**Immunogen:** The antiserum was produced against synthesized peptide derived from human

CD88/C5aR around the phosphorylation site of Ser338. AA range:301-350

**Specificity:** Phospho-CD88 (S338) Polyclonal Antibody detects endogenous levels of CD88

protein only when phosphorylated at S338.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Concentration**: 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

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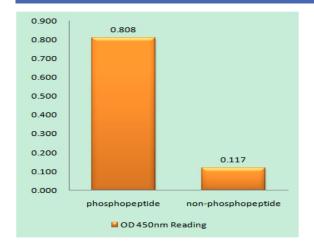
Subcellular Location:

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

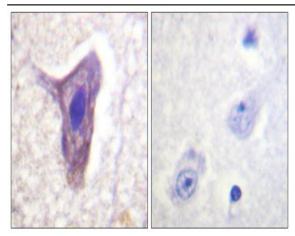
vesicles...

**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.