



CD88 Polyclonal Antibody

Catalog No	YP-Ab-14093
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	C5AR1
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human C5AR1. AA range:1-50
Specificity	CD88 Polyclonal Antibody detects endogenous levels of CD88 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD88;C5AR1;C5a anaphylatoxin chemotactic receptor;C5AR;C5R1;C5a-R
Observed Band	39kD
Calculated Molecular Weight	39kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Cytoplasmic vesicle . Phosphorylated C5aR colocalizes with ARRB1 and ARRB2 in cytoplasmic vesicles. .
Tissue Specificity	Brain,
Function	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.,



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.

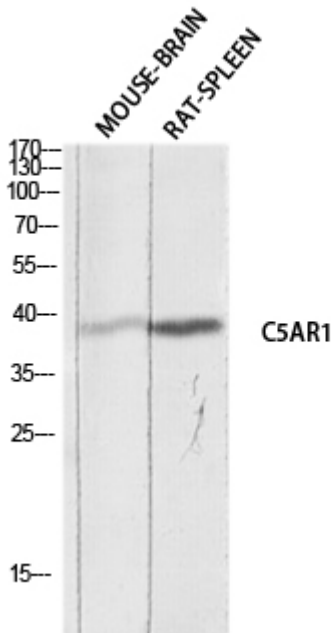
matters needing attention

Avoid repeated freezing and thawing!

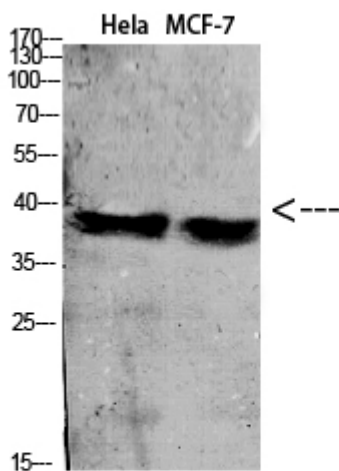
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of MOUSE-BRAIN RAT-SPLEEN lysis using C5AR1 antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of various cells using Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000