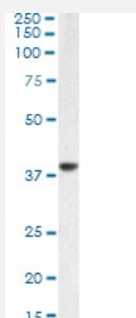


C5AR1 polyclonal antibody

Catalog # PAB27648

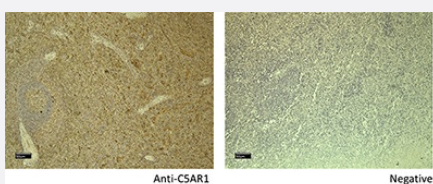
Size 100 ug

Applications



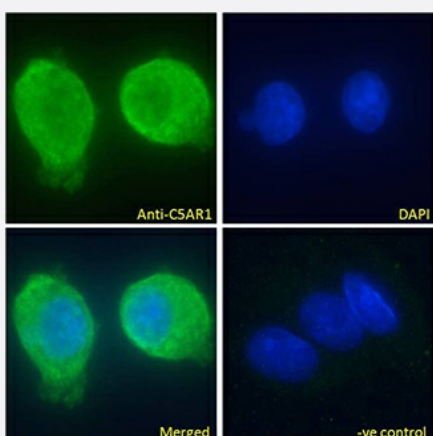
Western Blot (Cell lysate)

C5AR1 polyclonal antibody (Cat # PAB27648) (0.01 ug/mL) staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence



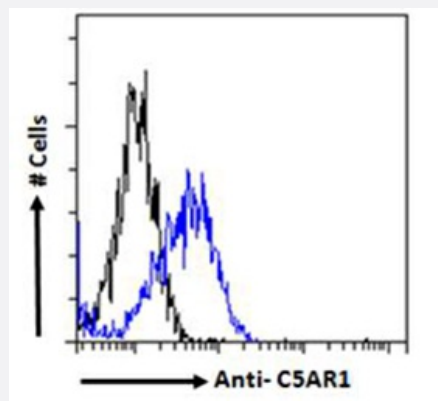
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

C5AR1 polyclonal antibody (Cat # PAB27648) (6 ug/mL) staining of paraffin embedded Human Spleen. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining. Negative Control showing staining of paraffin embedded Human Spleen, with no primary antibody.



Immunofluorescence

C5AR1 polyclonal antibody (Cat # PAB27648) Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (4 ug/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (4 ug/mL).



Flow Cytometry

C5AR1 polyclonal antibody (Cat # PAB27648) Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

Specification

Product Description	Goat polyclonal antibody raised against peptide with C5AR1.
Immunogen	A synthetic peptide corresponding to C-RESKSFTRSTVDT, from the C Terminus of the protein sequence according to NP_001727.1.
Sequence	RESKSFTRSTVDT
Host	Goat
Reactivity	Human
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Immunofluorescence (10 ug/mL) Immunohistochemistry (6 - 8 ug/mL) Flow Cytometry (10 ug/mL) Western Blot (0.01 - 0.03 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

C5AR1 polyclonal antibody (Cat # PAB27648) (0.01 ug/mL) staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Detected by chemiluminescence

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Gene Info — C5AR1

Entrez GeneID	728
Protein Accession#	NP_000048.1
Gene Name	C5AR1
Gene Alias	C5A, C5AR, C5R1, CD88
Gene Description	complement component 5a receptor 1
Omim ID	113995
Gene Ontology	Hyperlink
Other Designations	C5a anaphylatoxin receptor C5a ligand complement component 5 receptor 1

Pathway

- [Complement and coagulation cascades](#)

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Familial Mediterranean fever](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypersensitivity](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Pulmonary Disease](#)