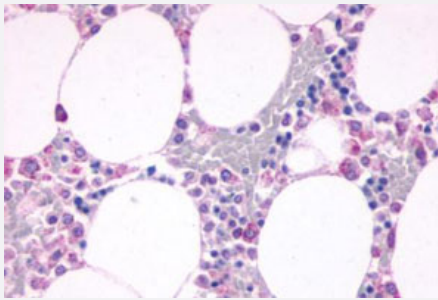


C5AR1 polyclonal antibody

Catalog # PAB26140

Size 50 ug

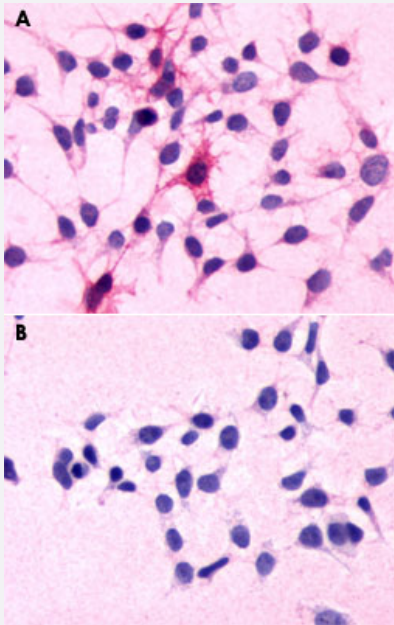
Applications



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

Immunohistochemical staining of human bone marrow with C5AR1 polyclonal antibody (Cat # PAB26140).

Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunocytochemistry

Immunocytochemical staining of HEK293 human embryonic kidney cells transfected (A) and untransfected (B) with C5AR1. Primary antibody using C5AR1 polyclonal antibody (Cat # PAB26140).

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of C5AR1.

Immunogen

A synthetic peptide corresponding to 18 amino acids at N-terminus of human C5AR1.

Host

Rabbit

Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-36 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°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

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

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- Immunocytochemistry

Immunocytochemical staining of HEK293 human embryonic kidney cells transfected (A) and untransfected (B) with C5AR1.
Primary antibody using C5AR1 polyclonal antibody (Cat # PAB26140).

Gene Info — C5AR1

Entrez GeneID	728
Protein Accession#	P21730
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

Publication Reference

- [C5a-C5AR1 axis as a potential trigger of the rupture of intracranial aneurysms.](#)

Akihiro Okada, Kampei Shimizu, Akitsugu Kawashima, Tomomichi Kayahara, Masahiko Itani, Hiroki Kurita, Susumu Miyamoto, Hiroharu Kataoka, Tomohiro Aoki.

Scientific Reports 2024 Feb; 14(1):3105.

Application: IHC, Human, Artery slices

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](#)