

C5AR1 Antibody

Catalog No: #46375

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

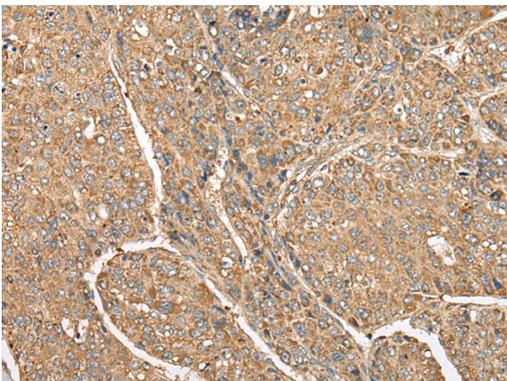
Description

Product Name	C5AR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total C5AR1 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human C5AR1
Target Name	C5AR1
Other Names	C5A; C5AR; C5R1; CD88
Accession No.	Swiss-Prot:P21730NCBI Gene ID:728NCBI Protein:BC008982
Uniprot	P21730
GeneID	728;
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

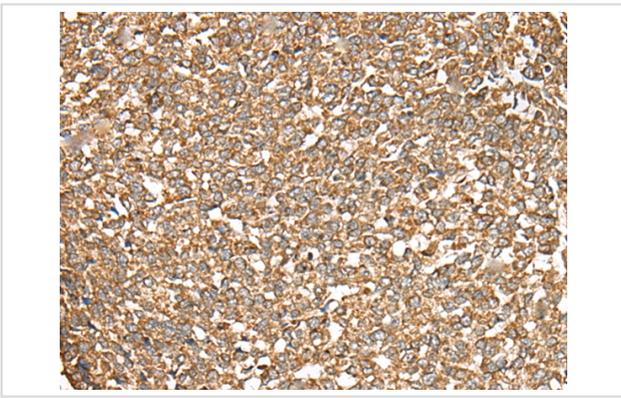
Application Details

Immunohistochemistry: 1: 40-200

Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46375(C5AR1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46375(C5AR1 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)

Background

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a (PubMed:1847994, PubMed:8182049, PubMed:7622471, PubMed:9553099, PubMed:10636859, PubMed:15153520). The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events (PubMed:8182049, PubMed:7622471, PubMed:9553099). Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production (PubMed:10636859, PubMed:15153520).

Note: This product is for in vitro research use only