Product Name: C5AR2 Mouse Monoclonal Antibody
Catalog #: AMM82637
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	36kDa

Antigen Information

Gene Name	C5AR2
Alternative Names	C5L2; GPF77; GPR77
Gene ID	27202.0
SwissProt ID	Q9P296
Immunogen	Purified recombinant fragment of human C5AR2 (AA: extra mix) expressed in E. Coli.

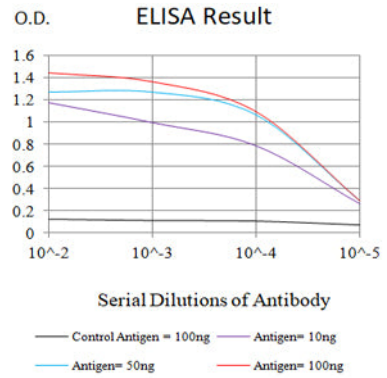
Background

This gene encodes a G-protein coupled receptor 1 family member involved in the complement system of the innate immune response. Unlike classical G-protein coupled receptors, the encoded protein does not associate with intracellular G-proteins. It may instead modulate signal transduction through the beta-arrestin pathway, and may alternatively act as a decoy receptor.

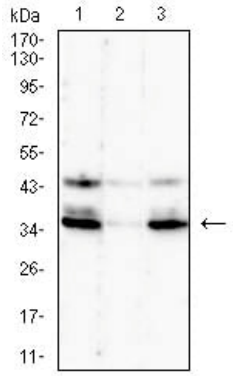
This gene may be involved in coronary artery disease and in the pathogenesis of sepsis. Alternative splicing results in multiple transcript variants.

Research Area

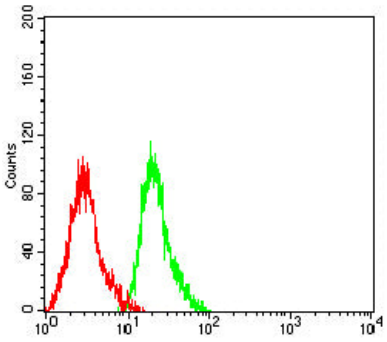
Image Data



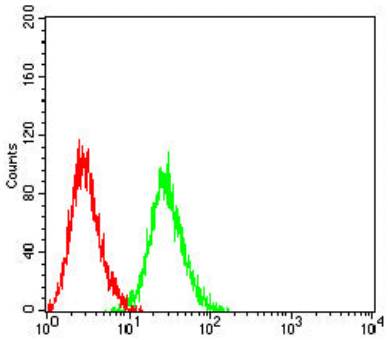
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



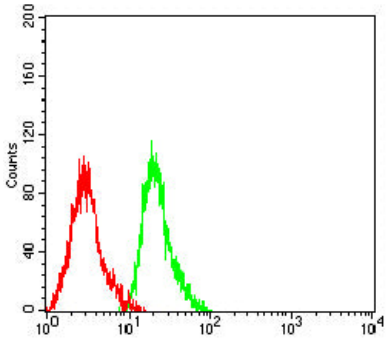
Western blot analysis using C5AR2 mouse mAb against K562 (1),THP-1 (2), and MOLT4 (3) cell lysate.



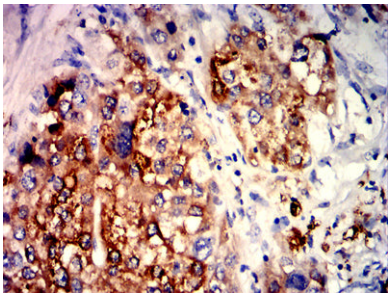
Flow cytometric analysis of MOLT4 cells using C5AR2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HL-60 cells using C5AR2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of RAW264.7 cells using C5AR2 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using C5AR2 mouse mAb with DAB staining.