

C5AR2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4026
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human C5AR2 (AA: extra mix) expressed in E. Coli.
Mol wt	36kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	C5L2;GPF77;GPR77

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1:500 - 1:2000

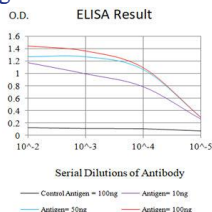
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

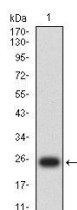
ELISA: 1:10000

Not yet tested in other applications.

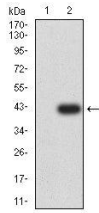
Images



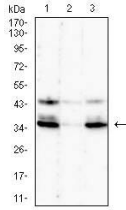
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



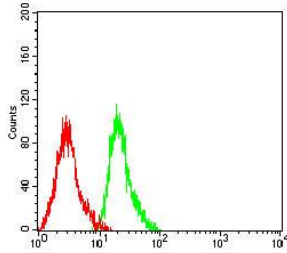
Western blot analysis using C5AR2 mAb against human C5AR2 (AA: extra mix) recombinant protein. (Expected MW is 25 kDa)



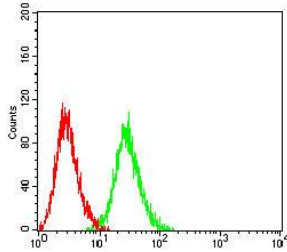
Western blot analysis using C5AR2 mAb against HEK293-6e (1) and human C5AR2 (AA: extra mix)-hIgGFc transfected HEK293-6e (2) cell lysate.



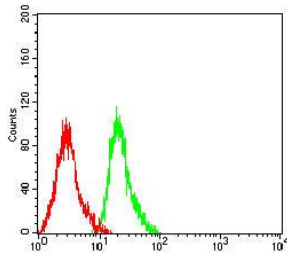
Western blot analysis using C5AR2 mouse mAb against K562 (1), THP-1 (2), and MOLT4 (3) cell lysate.



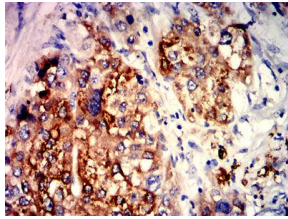
Flow cytometric analysis of MOLT4 cells using C5AR2 mouse mAb (green) and negative control (red).



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 liver cancer tissues using C5AR2 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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