

C5AR2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3024
Host	Mouse
Isotype	Mouse IgG1
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	IHC,ICC,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

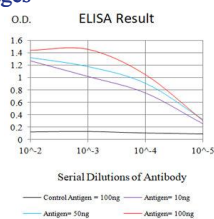
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

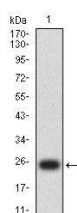
ELISA: 1:10000

Not yet tested in other applications.

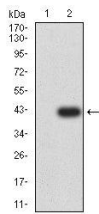
Images



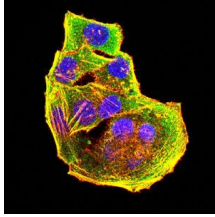
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



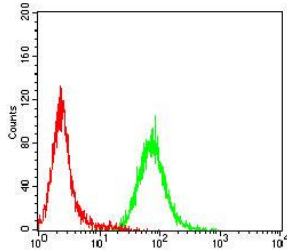
Western blot analysis using C5AR2 mAb against human C5AR2 (AA: extra mix) recombinant protein. (Expected MW is 25 kDa)



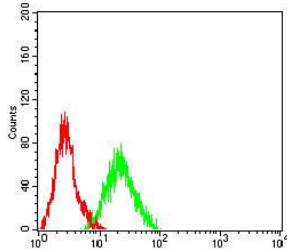
Western blot analysis using C5AR2 mAb against HEK293-6e (1) and C5AR2 (AA: extra mix)-hlgGfc transfected HEK293-6e (2) cell lysate.



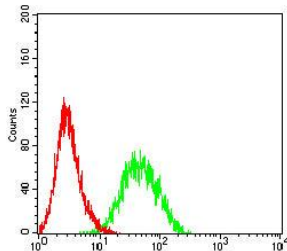
Immunofluorescence analysis of HeLa cells using C5AR2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



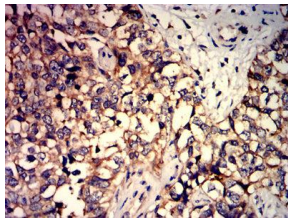
Flow cytometric analysis of Molt4 cells using C5AR2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of RAW24.7 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).



Immunohistochemical analysis of paraffin-embedded bladder 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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