

C3AR1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4487
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human C3AR1 (AA: 161-340) expressed in E. Coli.
Mol wt	53.8kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	AZ3B;C3AR;HNFAG09

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

Background

C3a is an anaphylatoxin released during activation of the complement system. The protein encoded by this gene is an orphan G protein-coupled receptor for C3a. Binding of C3a by the encoded receptor activates chemotaxis, granule enzyme release, superoxide anion production, and bacterial opsonization.

Recommended Dilution

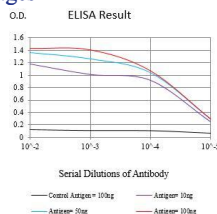
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

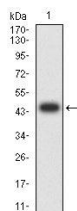
ELISA: 1:10000

Not yet tested in other applications.

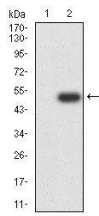
Images



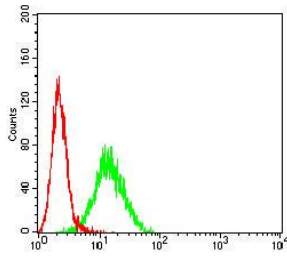
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using C3AR1 mAb against human C3AR1 (AA: 161-340) recombinant protein. (Expected MW is 46.2 kDa)



Western blot analysis using C3AR1 mAb against HEK293-6e (1) and C3AR1 (AA: 161-340)-hIgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of THP-1 cells using C3AR1 mouse mAb (green) and negative control (red).

Storage

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

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