
Product Name: C3AR1 Mouse Monoclonal Antibody**Catalog #: AMM82836**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
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	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	53.8kDa

Antigen Information

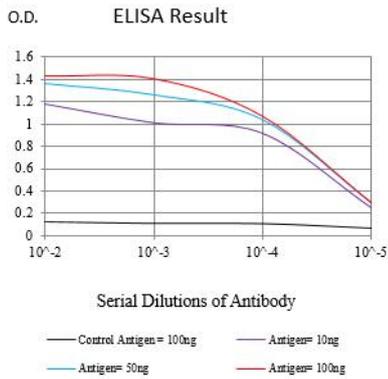
Gene Name	C3AR1
Alternative Names	AZ3B; C3AR; HNFAG09
Gene ID	719.0
SwissProt ID	Q16581
Immunogen	Purified recombinant fragment of human C3AR1 (AA: 161-340) expressed in E. Coli.

Background

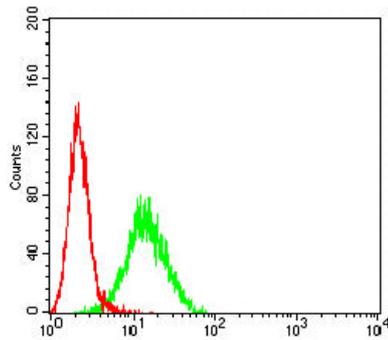
C3a is an anaphylatoxin released during activation of the complement system. The protein encoded by this gene is an orphan G protein-coupled receptor for C3a. Binding of C3a by the encoded receptor activates chemotaxis, granule enzyme release, superoxide anion production, and bacterial opsonization.

Research Area

Image Data



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



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