

Product Name: ARFGAP1 Mouse Monoclonal Antibody**Catalog #: AMM81838**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human,Mouse
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,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	44.7kDa

Antigen Information

Gene Name	ARFGAP1
Alternative Names	ARF1GAP; HRIHFB2281
Gene ID	55738.0
SwissProt ID	Q8N6T3
Immunogen	Purified recombinant fragment of human ARFGAP1 (AA: 270-414) expressed in E. Coli.

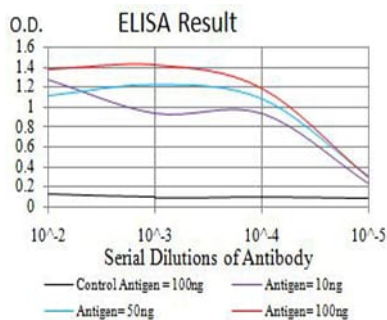
Background

The protein encoded by this gene is a GTPase-activating protein, which associates with the Golgi apparatus and which interacts with ADP-ribosylation factor 1. The encoded protein promotes hydrolysis of ADP-ribosylation factor 1-bound GTP and is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is

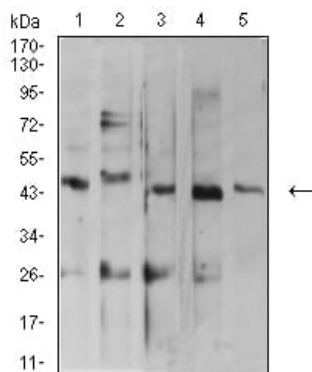
required for the fusion of these vesicles with target compartments. The activity of this protein is stimulated by phosphoinositides and inhibited by phosphatidylcholine. Alternative splicing results in multiple transcript variants.

Research Area

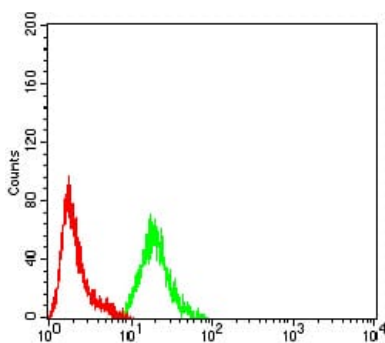
Image Data



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



Western blot analysis using ARFGAP1 mouse mAb against MOLT4 (1), C2C12 (2), HepG2 (3), MCF-7 (4), and Lncap (5) cell lysate.



Flow cytometric analysis of HepG2 cells using ARFGAP1 mouse mAb (green) and negative control (red).