Product Name: IghA1 Mouse Monoclonal Antibody
Catalog #: AMM81727
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human,Mouse,Monkey
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	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:50-1:250,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	37.6kDa

Antigen Information

Gene Name	IghA1
Alternative Names	IgA1
Gene ID	3493.0
SwissProt ID	P01876
Immunogen	Purified recombinant fragment of human IghA1 (AA: 207-353) expressed in E. Coli.

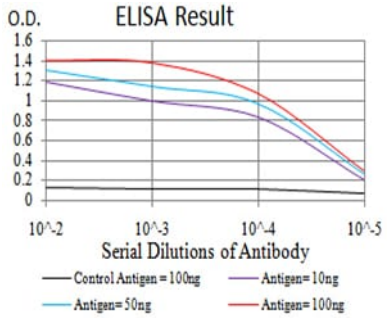
Background

IGHA1 (Immunoglobulin Heavy Constant Alpha 1) is a Protein Coding gene. Diseases associated with IGHA1 include pseudotumor cerebri. Among its related pathways are Vesicle-mediated transport and Regulation of nuclear SMAD2/3 signaling. GO annotations related to this gene include antigen binding and immunoglobulin receptor binding. An important

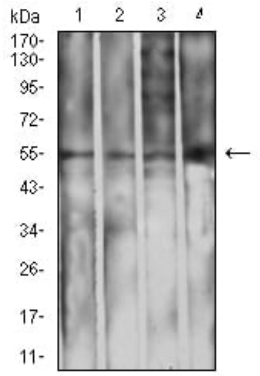
paralog of this gene is IGHG4.

Research Area

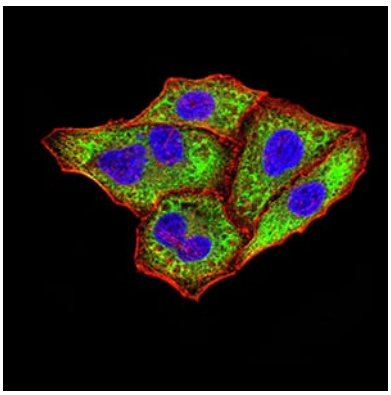
Image Data



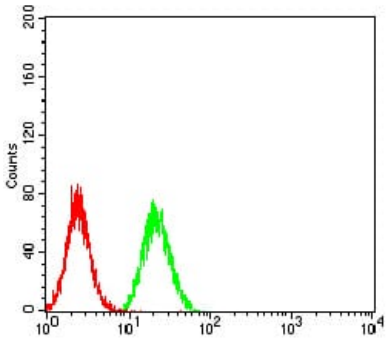
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



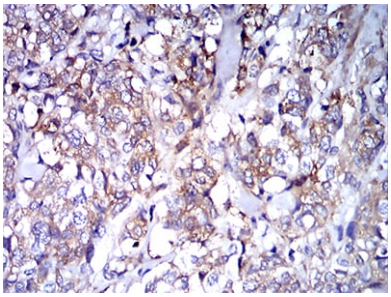
Western blot analysis using IghA1 mouse mAb against L1210 (1), THP-1 (2), HepG2 (3), and COS7 (4) cell lysate.



Immunofluorescence analysis of Hela cells using IghA1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of Hela cells using IghA1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using IghA1 mouse mAb with DAB staining.