
Product Name: IghA1 Mouse Monoclonal Antibody**Catalog #: AMM81728**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,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,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.

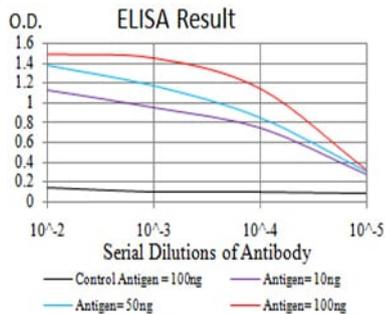
Background

IGHA1 (Immunoglobulin Heavy Constant Alpha 1) is a Protein Coding gene. Diseases associated with IGH A1 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

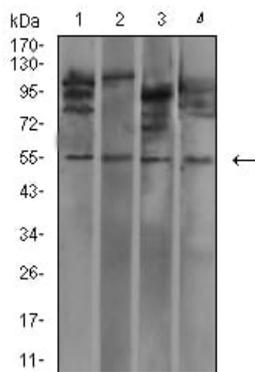
paralog of this gene is IGHG4.

Research Area

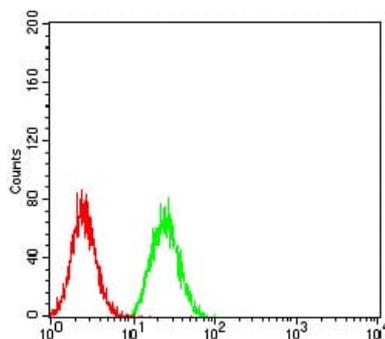
Image Data



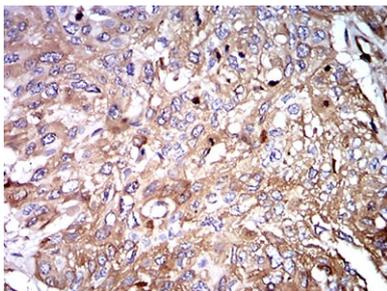
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using IghA1 mouse mAb against MOLT4 (1), L1210 (2), HepG2 (3), and COS7 (4) cell lysate.



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



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