

Mouse Monoclonal Antibody to IghA1

Purified Mouse Monoclonal Antibody

Catalog # AO2404a

Product Information

Application	WB, IHC, FC, ICC, E
Reactivity	Human, Mouse, Monkey
Host	Mouse
Clonality	Monoclonal
Clone Names	7D5F12
Isotype	Mouse IgG1
Calculated MW	37 KDa
Description	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.;
Immunogen	Purified recombinant fragment of human IghA1 (AA: 207-353) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide
Application Note	ELISA: 1/10000; WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; ICC: 1/50 - 1/250; FCM: 1/200 - 1/400

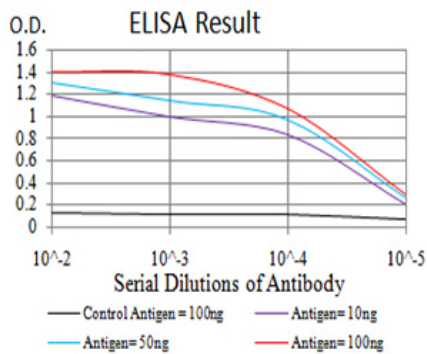
Additional Information

Other Names	IgA1
Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Monoclonal Antibody to IghA1 is for research use only and not for use in diagnostic or therapeutic procedures.

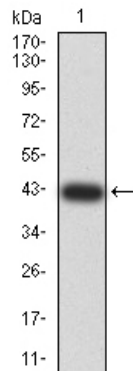
References

1.BMC Nephrol. 2014 Jun 13;15:89. ; 2.PLoS One. 2014 Feb 21;9(2):e89707. ;

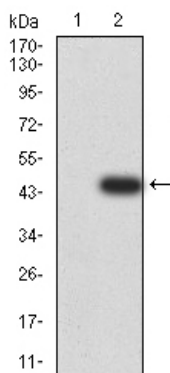
Images



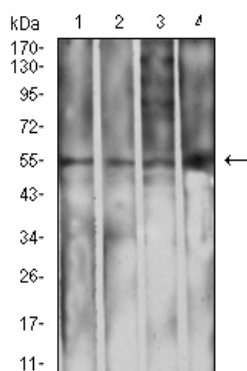
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using IghA1 mAb against human IghA1 (AA: 207-353) recombinant protein. (Expected MW is 41.7 kDa)

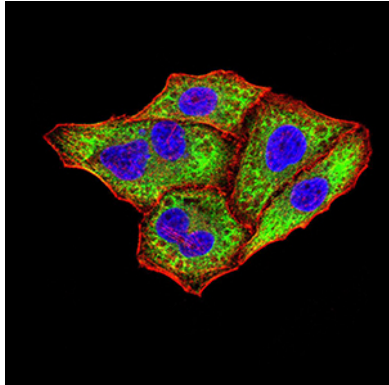
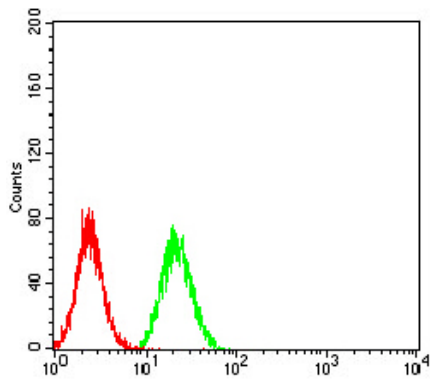


Western blot analysis using IghA1 mAb against HEK293 (1) and IghA1 (AA: 207-353)-hIgGFc transfected HEK293 (2) cell lysate.

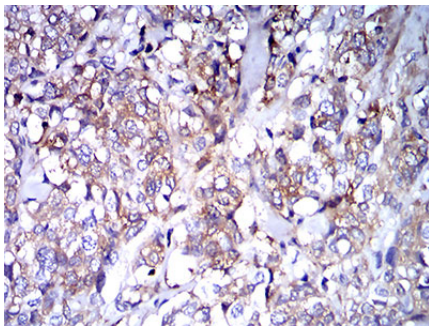


Western blot analysis using IghA1 mouse mAb against L1210 (1), THP-1 (2), HepG2 (3), and COS7 (4) cell lysate.

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



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. Secondary antibody from Fisher



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.