10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GAB1 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1708a

Product Information

Application	WB, IHC, FC, E
Primary Accession	Q13480
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	1A7
Isotype	IgG1
Calculated MW	76616
Description	The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	Purified recombinant fragment of human GAB1 expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	2549
Other Names	GRB2-associated-binding protein 1, GRB2-associated binder 1, Growth factor receptor bound protein 2-associated protein 1, GAB1
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 E~~1/10000
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	GAB1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GAB1
Function	Adapter protein that plays a role in intracellular signaling cascades triggered by activated receptor-type kinases. Plays a role in FGFR1 signaling. Probably

involved in signaling by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Involved in the MET/HGF-signaling pathway (PubMed:29408807).

References

Cell Signal. 2009 Dec;21(12):1775-83. Cell. 2009 Jan 23;136(2):352-63.

Images

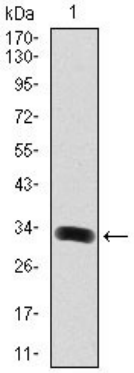


Figure 1: Western blot analysis using GAB1 mAb against human GAB1 (AA: 661-724) recombinant protein. (Expected MW is 32.4 kDa)

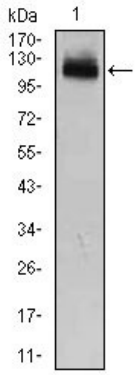


Figure 2: Western blot analysis using GAB1 mouse mAb against HEK293 (1) cell lysate.

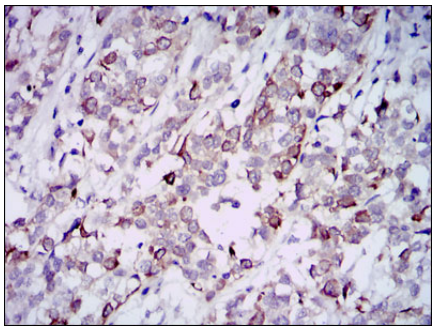


Figure 3: Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using GAB1 mouse mAb with DAB staining.

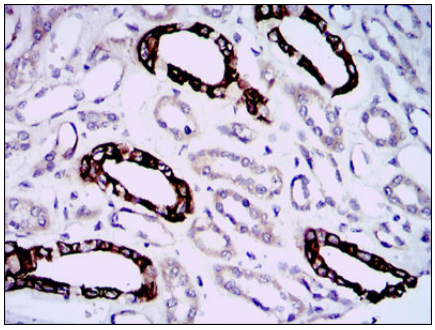
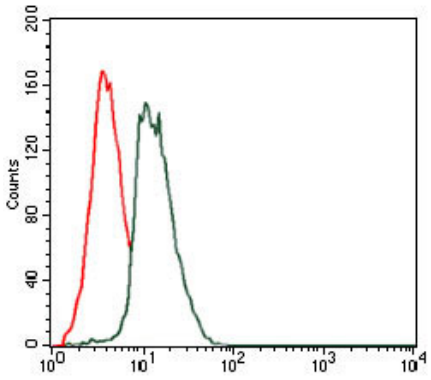


Figure 4: Immunohistochemical analysis of paraffin-embedded kidney tissues using GAB1 mouse mAb with DAB staining.

Figure 5: Flow cytometric analysis of Jurkat cells using GAB1 mouse mAb (green) and negative control (red).



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