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GAB1 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2013a

Product Information

Application	WB, FC, E
Primary Accession	Q13480
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	5F11C8
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 (AA: 661-724) 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 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

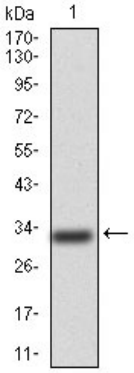


Figure 1: Western blot analysis using GAB1 mAb against human GAB1(AA:661-724) recombinant protein. (Expected MW is 32.4 kDa)

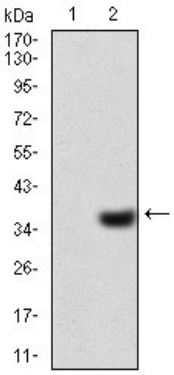


Figure 2: Western blot analysis using GAB1 mAb against HEK293 (1) and GAB1 (AA:661-724)-hIgGFc transfected HEK293 (2) cell lysate.

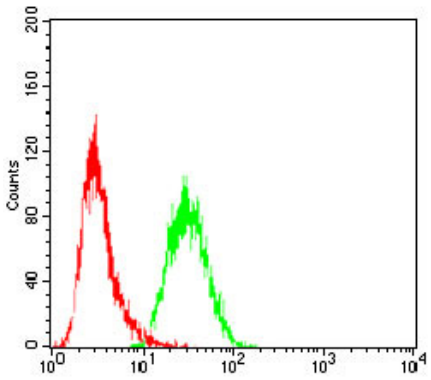


Figure 4: Flow cytometric analysis of Hela cells using GAB1 mouse mAb (green) and negative control (red).

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