

**GAB1 Antibody**  
**Purified Mouse Monoclonal Antibody**  
**Catalog # AO1708a**

**Specification**

**GAB1 Antibody - Product Information**

Application	<b>E, WB, IHC, FC</b>
Primary Accession	<a href="#">O13480</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>
Calculated MW	<b>76.6kDa KDa</b>

**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. <br />

**Formulation**

Purified antibody in PBS with 0.05% sodium azide

**GAB1 Antibody - 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**

E~~1/10000  
WB~~1/500 - 1/2000  
IHC~~1/200 - 1/1000  
FC~~1/200 - 1/400

**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.

**GAB1 Antibody - 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:<a href="http://www.uniprot.org/citations/29408807" target="\_blank">29408807</a>).

**GAB1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

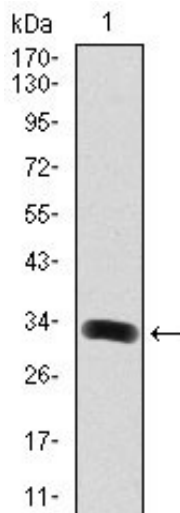
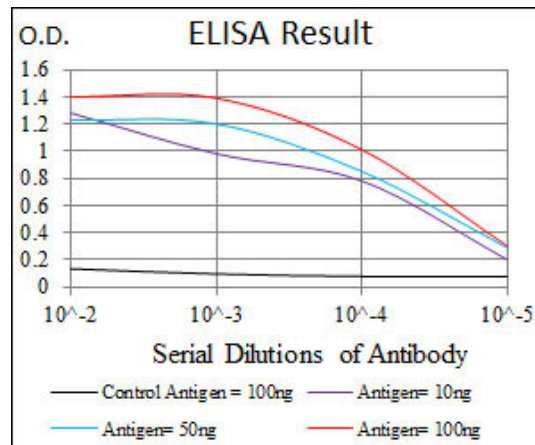


Figure 1: Western blot analysis using GAB1 mAb against human GAB1 (AA: 661-724) recombinant

protein. (Expected MW is 32.4 kDa)

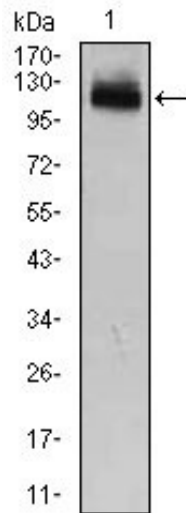


Figure 2: Western blot analysis using GAB1 mouse mAb against HEK293 (1) cell lysate.

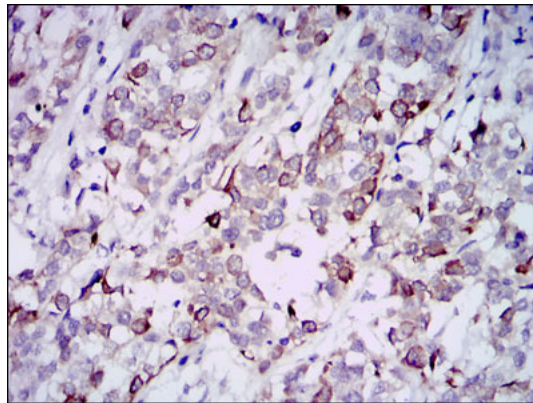


Figure 3: Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using GAB1 mouse mAb with DAB staining.

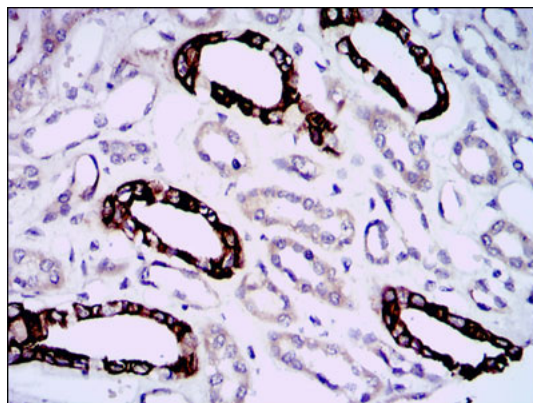


Figure 4: Immunohistochemical analysis of paraffin-embedded kidney tissues using GAB1 mouse mAb with DAB staining.

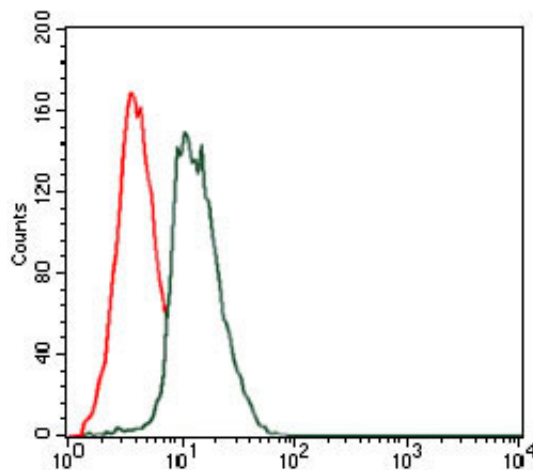


Figure 5: Flow cytometric analysis of Jurkat cells using GAB1 mouse mAb (green) and negative control (red).

#### GAB1 Antibody - References

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