

GNA13 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant GNA13.****Catalog # AT2224a****Specification**

GNA13 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q14344
Other Accession	BC036756
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	44050

GNA13 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 10672**Other Names**

Guanine nucleotide-binding protein subunit alpha-13, G alpha-13, G-protein subunit alpha-13, GNA13

Target/Specificity

GNA13 (AAH36756, 1 a.a. ~ 377 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

GNA13 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

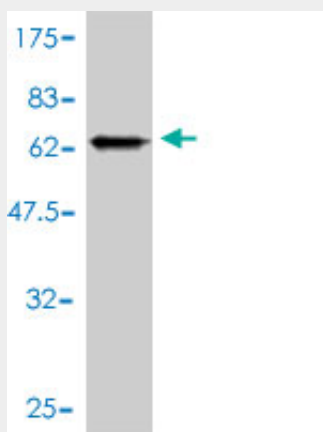
GNA13 Antibody (monoclonal) (M01) - Protocols

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

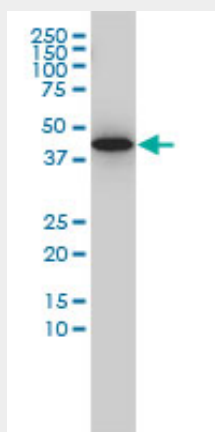
- [Western Blot](#)
- [Blocking Peptides](#)

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

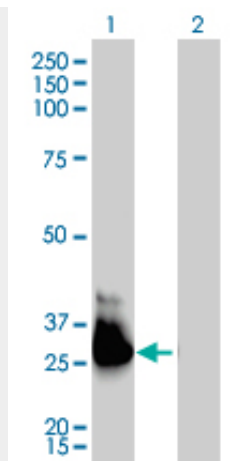
GNA13 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.21 kDa) .



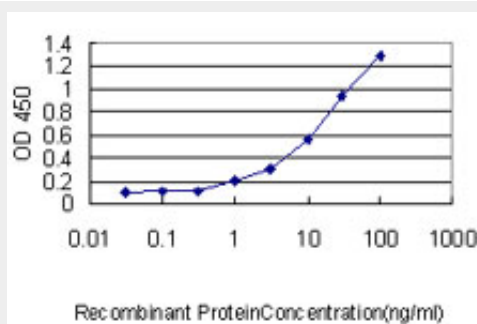
GNA13 monoclonal antibody (M01), clone 6F6-B5 Western Blot analysis of GNA13 expression in HepG2 (Cat # AT2224a)



Western Blot analysis of GNA13 expression in transfected 293T cell line by GNA13 monoclonal antibody (M01), clone 6F6-B5.

Lane 1: GNA13 transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged GNA13 is approximately 0.03ng/ml as a capture antibody.

GNA13 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Critical role of G(alpha)12 and G(alpha)13 for human small cell lung cancer cell proliferation in vitro and tumor growth in vivo. Grzelinski M, et al. Clin Cancer Res, 2010 Mar 1. PMID 20160064. G protein subunit Galpha13 binds to integrin alpha11bbeta3 and mediates integrin outside-in signaling. Gong H, et al. Science, 2010 Jan 15. PMID 20075254. Involvement of aquaporin in thromboxane A2 receptor-mediated, G 12/13/RhoA/NHE-sensitive cell swelling in 1321N1 human astrocytoma cells. Saito M, et al. Cell Signal, 2010 Jan. PMID 19772916. Suppression of tumor angiogenesis by Galpha(13) haploinsufficiency. Chen L, et al. J Biol Chem, 2009 Oct 2. PMID 19654325.