

IQGAP3 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant IQGAP3.****Catalog # AT2537a****Specification**

IQGAP3 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF, IP, E
Primary Accession	Q86VI3
Other Accession	NM_178229
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	184699

IQGAP3 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 128239**Other Names**

Ras GTPase-activating-like protein IQGAP3, IQGAP3

Target/Specificity

IQGAP3 (NP_839943, 602 a.a. ~ 698 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

IP~~N/A

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

IQGAP3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

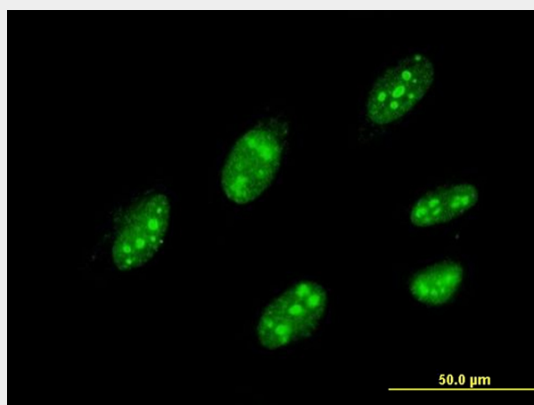
IQGAP3 Antibody (monoclonal) (M01) - Protocols

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

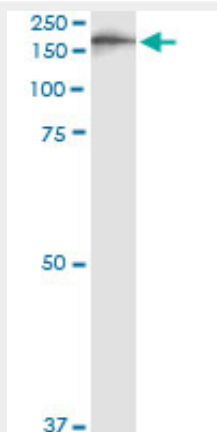
- [Western Blot](#)

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

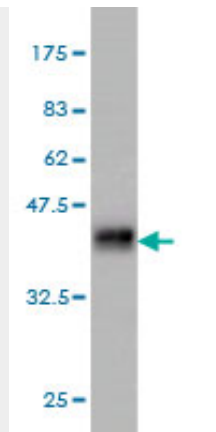
IQGAP3 Antibody (monoclonal) (M01) - Images



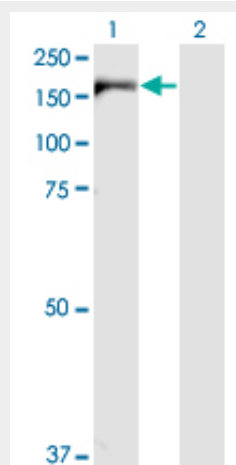
Immunofluorescence of monoclonal antibody to IQGAP3 on HeLa cell . [antibody concentration 10 ug/ml]



Immunoprecipitation of IQGAP3 transfected lysate using anti-IQGAP3 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with IQGAP3 MaxPab rabbit polyclonal antibody.



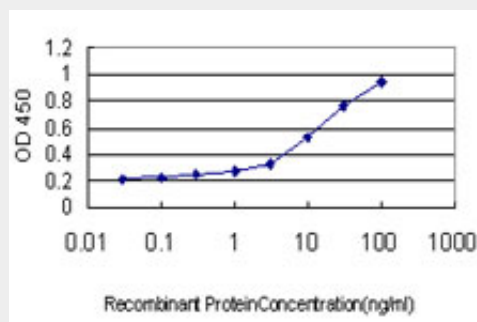
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.41 KDa) .



Western Blot analysis of IQGAP3 expression in transfected 293T cell line by IQGAP3 monoclonal antibody (M01), clone 6E3.

Lane 1: IQGAP3 transfected lysate (184.6 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged IQGAP3 is approximately 0.1 ng/ml as a capture antibody.

IQGAP3 Antibody (monoclonal) (M01) - References

IQGAP3, a novel effector of Rac1 and Cdc42, regulates neurite outgrowth. Wang S, et al. J Cell Sci, 2007 Feb 15. PMID 17244649. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of

more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.