

TSC22D1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant TSC22D1.****Catalog # AT4373a****Specification**

TSC22D1 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	Q15714
Other Accession	BC000456
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	109677

TSC22D1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 8848**Other Names**

TSC22 domain family protein 1, Cerebral protein 2, Regulatory protein TSC-22, TGFB-stimulated clone 22 homolog, Transforming growth factor beta-1-induced transcript 4 protein, TSC22D1, KIAA1994, TGFB1I4, TSC22

Target/Specificity

TSC22D1 (AAH00456, 1 a.a. ~ 144 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

TSC22D1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

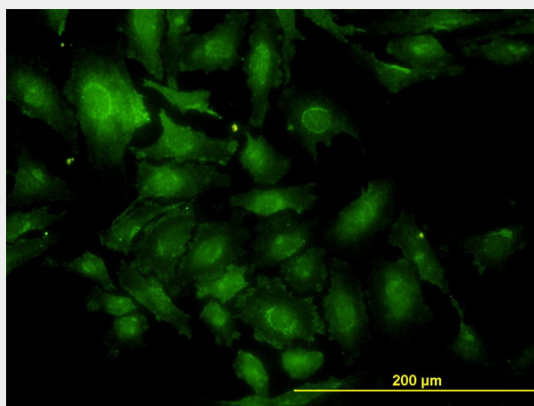
TSC22D1 Antibody (monoclonal) (M01) - Protocols

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

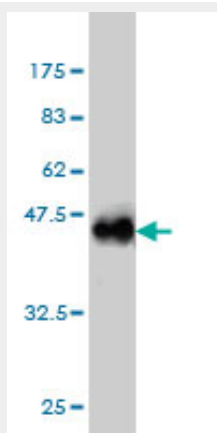
- [Western Blot](#)
- [Blocking Peptides](#)

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

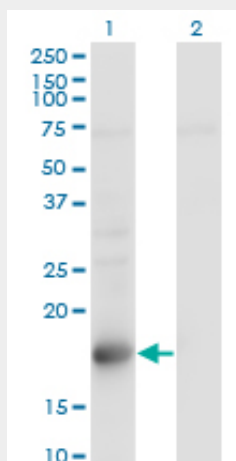
TSC22D1 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to TSC22D1 on HeLa cell. [antibody concentration 10 ug/ml]



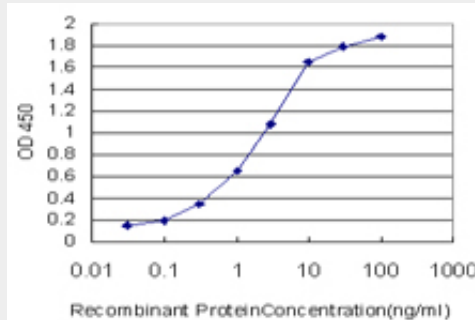
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (41.58 KDa) .



Western Blot analysis of TSC22D1 expression in transfected 293T cell line by TSC22D1 monoclonal antibody (M01), clone 1G7.

Lane 1: TSC22D1 transfected lysate(15.7 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged TSC22D1 is approximately 0.03ng/ml as a capture antibody.

TSC22D1 Antibody (monoclonal) (M01) - Background

TSC22D1 encodes a transcription factor and belongs to the large family of early response genes.

TSC22D1 Antibody (monoclonal) (M01) - References

A TSC22-like motif defines a novel antiapoptotic protein family. Khoury CM, et al. FEMS Yeast Res, 2008 Jun. PMID 18355271. Interaction between fortilin and transforming growth factor-beta stimulated clone-22 (TSC-22) prevents apoptosis via the destabilization of TSC-22. Lee JH, et al. FEBS Lett, 2008 Apr 9. PMID 18325344. Expression and cellular localization of TSC-22 in normal salivary glands and salivary gland tumors: implications for tumor cell differentiation. Doi Y, et al. Oncol Rep, 2008 Mar. PMID 18288391. Identification of TSC-22 as a potential tumor suppressor that is upregulated by Flt3-D835V but not Flt3-ITD. Lu Y, et al. Leukemia, 2007 Nov. PMID 17690703. TGF-beta1 and TSC-22 gene polymorphisms and susceptibility to microvascular complications in type 2 diabetes. Buraczynska M, et al. Nephron Physiol, 2007. PMID 17622752.