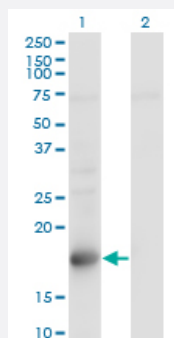


TSC22D1 monoclonal antibody (M01), clone 1G7

Catalog # H00008848-M01

Size 100 ug

Applications

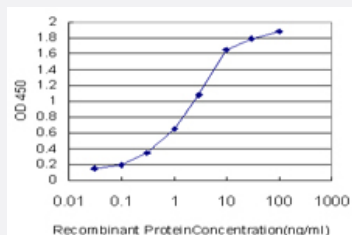


Western Blot (Transfected lysate)

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

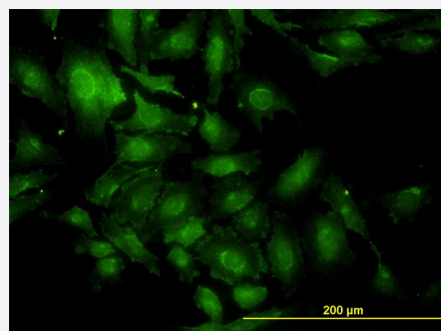
Lane 1: TSC22D1 transfected lysate (15.7 KDa).

Lane 2: Non-transfected lysate.



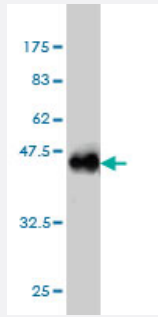
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (41.58 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TSC22D1.
Immunogen	TSC22D1 (AAH00456, 1 a.a. ~ 144 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKSQWCRPVAMDLGVYQLRHFSISFLSSLLGTENASVRLDNSSSGASVVAIDNKIEQAMD LVKSH LMYAVREEVEVLKEQIKELIEKNSQLEQENLLKTLASPEQLAQFQAQLQTGSPATTQPQGTTQP PAQPASQGS GPTA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (41.58 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — TSC22D1

Entrez GeneID [8848](#)

GeneBank Accession# [BC000456](#)

Protein Accession# [AAH00456](#)

Gene Name TSC22D1

Gene Alias DKFZp686O19206, MGC17597, RP11-269C23.2, TGFB14, TSC22

Gene Description TSC22 domain family, member 1

Omim ID [607715](#)

Gene Ontology [Hyperlink](#)

Gene Summary TSC22D1 encodes a transcription factor and belongs to the large family of early response genes. [supplied by OMIM]

Other Designations OTTHUMP00000040978|TSC22 domain family 1, isoform 2|transforming growth factor beta 1 induced transcript 4|transforming growth factor beta-stimulated protein TSC-22

Publication Reference

- [Regulation of c-MYC transcriptional activity by transforming growth factor-beta 1-stimulated clone 22.](#)

Zheng L, Suzuki H, Nakajo Y, Nakano A, Kato M.

Cancer Science 2018 Feb; 109(2):395.

Application: IF, WB-Tr, Human, HaCaT cells

Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Genetic Predisposition to Disease](#)