

## Product datasheet for **CF811733**

### TSC22 domain family, member 4 (TSC22D4) Mouse Monoclonal Antibody [Clone ID: OTI3G6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3G6
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-395 of human TSC22D4 (NP_112197) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40.8 kDa
Gene Name:	TSC22 domain family member 4
Database Link:	<a href="#">NP_112197</a> <a href="#">Entrez Gene 81628 Human Q9Y3Q8</a>
Background:	TSC22D4 is a member of the TSC22 domain family of leucine zipper transcriptional regulators (see TSC22D3; MIM 300506) (Kester et al., 1999 [PubMed 10488076]; Fiorenza et al., 2001 [PubMed 11707329]). [supplied by OMIM, Mar 2008]

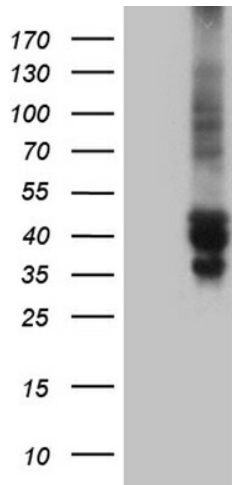


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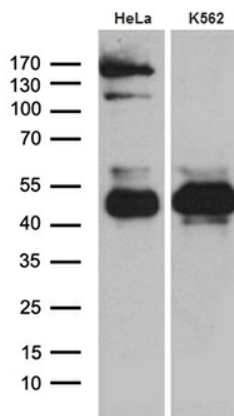
**Synonyms:** THG-1; THG1; TILZ2

**Protein Families:** Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TSC22D4 (Cat# [RC200322], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TSC2 (Cat# [TA811733]). Positive lysates [LY410651] (100ug) and [LC410651] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 2 cell lines by using anti-TSC22D4 monoclonal antibody (1:500).