

## Product datasheet for **TA813143M**

### TRPS1 Mouse Monoclonal Antibody [Clone ID: OTI1D9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1D9
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 985-1281 of human TRPS1 (NP_054831) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
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:	142.8 kDa
Gene Name:	transcriptional repressor GATA binding 1
Database Link:	<a href="#">NP_054831</a> <a href="#">Entrez Gene 83925 Mouse</a> <a href="#">Entrez Gene 7227 Human</a> <a href="#">Q9UHF7</a>
Background:	This gene encodes a transcription factor that represses GATA-regulated genes and binds to a dynein light chain protein. Binding of the encoded protein to the dynein light chain protein affects binding to GATA consensus sequences and suppresses its transcriptional activity. Defects in this gene are a cause of tricho-rhino-phalangeal syndrome (TRPS) types I-III. [provided by RefSeq, Jul 2008]



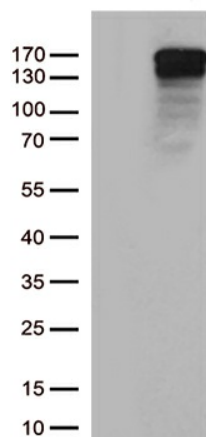
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**Synonyms:** GC79; LGCR

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TRPS1 ([RC215856], 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-TRPS1 (1:500).