

## Product datasheet for **TA813002M**

### **VRL1 (TRPV2) Mouse Monoclonal Antibody [Clone ID: OTI2G10]**

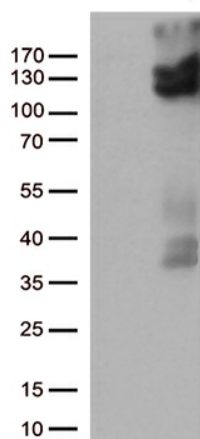
#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI2G10
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 655-764 of human TRPV2 (NP_057197) 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:	85.8 kDa
Gene Name:	transient receptor potential cation channel subfamily V member 2
Database Link:	<a href="#">NP_057197</a> <a href="#">Entrez Gene 51393 Human</a> <a href="#">Q9Y5S1</a>
Background:	This gene encodes an ion channel that is activated by high temperatures above 52 degrees Celsius. The protein may be involved in transduction of high-temperature heat responses in sensory ganglia. It is thought that in other tissues the channel may be activated by stimuli other than heat. [provided by RefSeq, Jul 2008]
Synonyms:	VRL; VRL-1; VRL1


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**Protein Families:** Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TRPV2 (Cat# [RC202821], 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-TRPV2 (Cat# [TA813002])(1:500).