

## Product datasheet for **TA813002**

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

#### **Product data:**

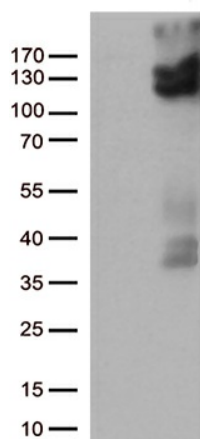
|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI2G10  |
| Applications:           | WB   |
| Recommended Dilution:   | WB 1:500   |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| 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><br><a href="#">Entrez Gene 51393 Human</a><br><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).