

Trpv3 monoclonal antibody, clone S15-39

Catalog # MAB7896 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of Kcnt2.
Immunogen	A synthetic peptide corresponding to C-terminus amino acids 458-474 of rat Kcnt2.
Host	Mouse
Reactivity	Human, Mouse, Rat
Form	Liquid
Isotype	IgG2a
Recommend Usage	Western Blot (1-10 ug/mL) Immunohistochemistry (0.1-1.0 ug/mL) Immunocytochemistry (0.1-1.0 ug/mL) Immunofluorescence (1-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry
- Immunoprecipitation

Gene Info — Trpv3

Entrez GeneID	497948
Protein Accession#	NP_001020928
Gene Name	Trpv3
Gene Alias	-
Gene Description	transient receptor potential cation channel, subfamily V, member 3
Gene Ontology	Hyperlink
Gene Summary	subfamily V
Other Designations	heat sensitive channel TRPV3

Publication Reference

- [Intragastric administration of TRPV1, TRPV3, TRPM8, and TRPA1 agonists modulates autonomic thermoregulation in different manners in mice.](#)

Masamoto Y, Kawabata F, Fushiki T.

Bioscience, Biotechnology, and Biochemistry 2009 May; 73(5):1021.

- [Calcium plays a central role in the sensitization of TRPV3 channel to repetitive stimulations.](#)

Xiao R, Tang J, Wang C, Colton CK, Tian J, Zhu MX.

The Journal of Biological Chemistry 2008 Mar; 283(10):6162.