

## Datasheet

### TRPV4 monoclonal antibody (M01), clone 4E11

**Catalog Number:** H00059341-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant TRPV4.

**Clone Name:** 4E11

**Immunogen:** TRPV4 (NP\_067638.3, 772 a.a. ~ 871 a.a) partial recombinant protein with GST-pstS1 tag.

**Sequence:**

PDRRWCFRVDEVNWSHWNQNQLGIINEDPGKNETYQY  
YGFSTVGRLLRRDRWSSVVPVVELNKNSNPDEVVV  
PLDSMGNPRCDGHQQGYPRKWRTDDAPL

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, S-ELISA

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 59341

**Gene Symbol:** TRPV4

**Gene Alias:** OTRPC4, TRP12, VR-OAC, VRL-2, VRL2, VROAC

**Gene Summary:** This gene encodes a member of the OSM9-like transient receptor potential channel (OTRPC) subfamily in the transient receptor potential (TRP) superfamily of ion channels. The encoded protein is a

Ca<sup>2+</sup>-permeable, nonselective cation channel that is thought to be involved in the regulation of systemic osmotic pressure. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]