

TRPM8 Recombinant Rabbit mAb

Catalog Number: bsm-61651R

Target Protein: TRPM8

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Isotype: IgG

Applications: WB (1:1000-1:2000), ICC/IF (1:50-1:200)

Reactivity: Human, Mouse

Predicted MW: 128

Detected MW: 128

Entrez Gene: 79054

Swiss Prot: Q7Z2W7

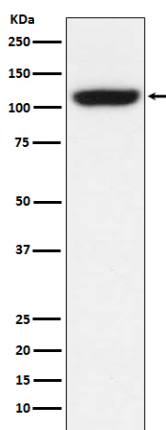
Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Receptor-activated non-selective cation channel involved in detection of sensations such as coolness, by being activated by cold temperature below 25 degrees Celsius. Activated by icilin, eucalyptol, menthol, cold and modulation of intracellular pH. Involved in menthol sensation. Permeable for monovalent cations sodium, potassium, and cesium and divalent cation calcium. Temperature sensing is tightly linked to voltage-dependent gating.

VALIDATION IMAGES



Western blot analysis of A549 cell lysate. Using TRPM8 (bsm-61651R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.