

小鼠抗 TRPM8 单克隆抗体

中文名称：小鼠抗 TRPM8 单克隆抗体

英文名称： Anti-TRPM8 mouse monoclonal antibody

别名： transient receptor potential cation channel subfamily M member 8; TRPP8; LTRPC6; trp-p8; LTrpC-6

相关类别： 一抗

储存： 冷冻 (-20℃)

宿主： Mouse

抗原： TRPM8

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

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. Activated upon depolarization, changes in temperature resulting in graded shifts of its voltage-dependent activation curves. The chemical agonist menthol functions as a gating modifier, shifting activation curves towards physiological membrane potentials. Temperature sensitivity arises

	<p>es from a tenfold difference in the activation energies associated with voltage-dependent opening and closing. In prostate cancer cells, shows strong inward rectification and high calcium selectivity in contrast to its behavior in normal cells which is characterized by outward rectification and poor cationic selectivity. Plays a role in prostate cancer cell migration (PubMed:25559186). Isoform 2 and isoform 3 negatively regulate menthol- and cold-induced channel activity by stabilizing the closed state of the channel.</p>
Applications:	WB
Name of antibody:	TRPM8
Immunogen:	Fusion protein of human TRPM8
Full name:	transient receptor potential cation channel subfamily M member 8
Synonyms:	TRPP8; LTRPC6; trp-p8; LTrpC-6
SwissProt:	Q7Z2W7
WB Predicted band size:	128 KD
WB Positive control:	PC3 cell lysate
WB Recommended dilution:	200-1000