



T2R45 Monoclonal Antibody

Catalog No	YP-mAb-13685
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	TAS2R45
Protein Name	Taste receptor type 2 member 45
Immunogen	The antiserum was produced against synthesized peptide derived from human TAS2R45. AA range:221-270
Specificity	T2R45 Monoclonal Antibody detects endogenous levels of T2R45 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TAS2R45; GPR59; Taste receptor type 2 member 45; T2R45; G-protein coupled receptor 59
Observed Band	35kD
Cell Pathway	Membrane; Multi-pass membrane protein.
Tissue Specificity	Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.
Function	function:Receptor that may play a role in the perception of bitterness and is gustducin-linked. May play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5.,miscellaneous:Most taste cells may be activated by a limited number of bitter compounds; individual taste cells can discriminate among bitter stimuli.,similarity:Belongs to the G-protein coupled receptor T2R family.,tissue specificity:Expressed in subsets of taste receptor cells of the tongue and exclusively in gustducin-positive cells.,
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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

