

Anti-MRGPRD antibody

Cat. No.	ml164093
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-MRGPRD rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human MRGPRD
Reactivity	Human
Content	0.66 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MRGPRD
Full name	MAS related GPR family member D
Synonyms	MRGD; TGR7
Swissprot	Q8TDS7

Target Background

May regulate nociceptor function and/or development, including the sensation or modulation of pain. Functions as a specific membrane receptor for beta-alanine. Beta-alanine at micromolar doses specifically evoked Ca²⁺ influx in cells expressing the receptor. Beta-alanine decreases forskolin-stimulated cAMP production in cells expressing the receptor, suggesting that the receptor couples with G-protein G(q) and G(i).

订购热线: 4008-898-798

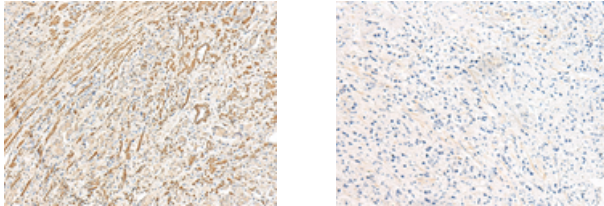
Applications

Immunohistochemistry

Predicted cell location: Cell membrane

Positive control: Human prostate cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml164093(MRGPRD Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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