

Datasheet for ABIN718761 **anti-MRGPRX1 antibody (PE)**



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Overview

Quantity:	100 µL
Target:	MRGPRX1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MRGPRX1 antibody is conjugated to PE
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MRGX1
Isotype:	IgG
Specificity:	Excitation / Emission Wavelengths: 565nm/578nm
Purification:	purified by Protein A

Target Details

Target:	MRGPRX1
Alternative Name:	MRGX1 (MRGPRX1 Products)
Background:	Mas-related G protein-coupled receptor member X1 (MRGX) is a sensory neuron-specific G protein-coupled receptor that is involved in the function of nociceptive neurons. This integral membrane protein may also regulate nociceptor development and/or the sensation or modulation of pain. There are four members (MRGX1-4) in the human MRGX family. MRGX1

Target Details

and MRGX2 receptors stimulate both G Alpha q- and G Alpha i -regulated pathways, while MRGX3 and MRGX4 receptors mainly activate G Alpha q-regulated pathways. G Alpha q proteins are involved in the calcium-signaling pathway downstream of the MRGX receptors. MRGX receptors are unique in that they are expressed in a subset of small dorsal root and trigeminal sensory neurons.

Molecular Weight: 36kDa

Gene ID: 259249

Application Details

Comment: Excitation / Emission wavelength: 496nm / 578nm

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 100 µg/mL BSA, 50 % glycerol and 0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 4 °C for 12 months

Expiry Date: 12 months