MRGPRF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MRGPRF, Polyclonal Antibody
Full Product Name	MRGPRF, CT (MRGPRF, GPR140, GPR168, MRGF, Mas-related G-protein coupled receptor member F, G-protein coupled receptor 140, G-protein coupled receptor 168) (MaxLight 550)
Product Gene Name	anti-MRGPRF antibody
Product Synonym Names	MRGPRF; GPR140; GPR168; MRGF; Mas-related G-protein coupled receptor member F; G-protein coupled receptor 140; G-protein coupled receptor 168
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human MRGPRF.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	38,171 Da
OMIM	607233
3D Structure	ModBase 3D Structure for Q96AM1
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 280-307 in the C-terminal region of human MRGPRF, UniProt Accession #Q96AM1. Species sequence homology: mouse, rat
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-MRGPRF antibody	Antibodies; G Protein Receptors
Applications Tested/Suitable for anti-MRGPRF antibody	Western Blot (WB), FLISA
Application Notes for anti-MRGPRF antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MRGPRF antibody	Orphan receptor. May bind to a neuropeptide and may regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).
Product References and Citations for anti-MRGPRF antibody	1. Dong, X., et al. Cell 106(5):619-632(2001). 2. Venter, J.C., et al. Science 291(5507):1304-1351(2001). 3. Ross, P.C., et al. Proc. Natl. Acad. Sci. U.S.A. 87(8):3052-3056(1990).
Other Notes	Small volumes of anti-MRGPRF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for MRGPRF purchase	MBS6322094 is an antibody targeting MRGPRF. Also known as MRGPRF, CT (MRGPRF, GPR140, GPR168, MRGF, Mas-related G-protein coupled receptor member F, G-protein coupled receptor 140, G-protein coupled receptor 168) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MRGPRF. It may not necessarily be applicable to this product.

NCBI GI #	148664199
NCBI GeneID	116535
NCBI Accession #	NP_001091985.1
UniProt Primary Accession #	Q96AM1
UniProt Secondary Accession #	Q8NBK8; B3KV43
UniProt Related Accession #	Q96AM1
GenBank Nucleotide #	NM_001098515.1
NCBI Official Full Name	mas-related G-protein coupled receptor member F
NCBI Official Synonym Full Names	MAS-related GPR, member F
NCBI Official Symbol	MRGPRF
NCBI Official Synonym Symbols	RTA; MRGF; GPR140; GPR168
UniProt Protein Name	Mas-related G-protein coupled receptor member F
UniProt Synonym Protein Names	G-protein coupled receptor 140; G-protein coupled receptor 168
Protein Family	Mas-related G-protein coupled receptor
UniProt Gene Name	MRGPRF
UniProt Synonym Gene Names	GPR140; GPR168; MRGF; Mas-related gene F protein
UniProt Entry Name	MRGRF_HUMAN
NCBI Protein Information	mas-related G-protein coupled receptor member F; mas-related gene F protein; G protein-coupled receptor 140; G protein-coupled receptor 168; G-protein coupled receptor 140; G-protein coupled receptor 168; G protein-coupled receptor MrgF; mas-related G pro
UniProt Comments for MRGPRF	MRGPRF: Orphan receptor. May bind to a neuropeptide and may regulate nociceptor function and/or development, including the sensation or modulation of pain. Belongs to the G-protein coupled receptor 1 family. Mas subfamily. Protein type: GPCR, family 1; Receptor, GPCR; Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 11q13.3 Cellular Component: integral to membrane; plasma membrane Molecular Function: G-protein coupled receptor activity Biological Process: G-protein coupled receptor protein signaling pathway
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