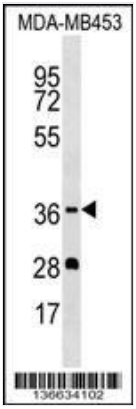
OR5M1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR5M1, Polyclonal Antibody
Full Product Name	OR5M1, CT (OR5M1, Olfactory receptor 5M1, OST050, Olfactory receptor OR11-208) (PE)
Product Gene Name	anti-OR5M1 antibody
Product Synonym Names	OR5M1; Olfactory receptor 5M1; OST050; Olfactory receptor OR11-208
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 R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	35,608 Da
3D Structure	ModBase 3D Structure for Q8NGP8
Immunogen	OR5M1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 243-272 amino acids from the C-terminal region of human OR5M1.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-OR5M1 antibody	Antibodies; Receptors; Olfactory
Applications Tested/Suitable for anti-OR5M1 antibody	Western Blot (WB), FLISA
Application Notes for anti-OR5M1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-OR5M1 antibody	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response that triggers the perception of a smell. The olfactory receptor proteins are members of a large family of G-protein-coupled receptors (GPCR) arising from single coding-exon genes. Olfactory receptors share a 7-transmembrane domain structure with many neurotransmitter and hormone receptors and are responsible for the recognition and G protein-mediated transduction of odorant signals. The olfactory receptor gene family is the largest in the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms.
Product References and Citations for anti-OR5M1 antibody	Malnic, B., et al. Proc. Natl. Acad. Sci. U.S.A. 101(8):2584-2589(2004). Fuchs, T., et al. Genomics 80(3):295-302(2002).
Other Notes	Small volumes of anti-OR5M1 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 OR5M1 purchase	MBS6329283 is an antibody targeting OR5M1. Also known as OR5M1, CT (OR5M1, Olfactory receptor 5M1, OST050, Olfactory receptor OR11-208) (PE). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OR5M1 antibody
OR5M1 Antibody (C-term) western blot analysis in MDA-MB453 cell line lysates (35ug/lane).This demonstrates the OR5M1 antibody detected the OR5M1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR5M1. It may not necessarily be applicable to this product.

NCBI GI #	52317124
NCBI GeneID	390168
NCBI Accession #	NP_001004740.1
UniProt Primary Accession #	Q8NGP8
UniProt Secondary Accession #	Q6IF60; Q96RB6
UniProt Related Accession #	Q8NGP8
GenBank Nucleotide #	NM_001004740.1
NCBI Official Full Name	olfactory receptor 5M1
NCBI Official Synonym Full Names	olfactory receptor family 5 subfamily M member 1
NCBI Official Symbol	OR5M1
NCBI Official Synonym Symbols	OST050; OR11-208
UniProt Protein Name	Olfactory receptor 5M1
UniProt Synonym Protein Names	OST050; Olfactory receptor OR11-208
Protein Family	Olfactory receptor
UniProt Gene Name	OR5M1
NCBI Protein Information	olfactory receptor 5M1
UniProt Comments for OR5M1	Odorant receptor.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

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