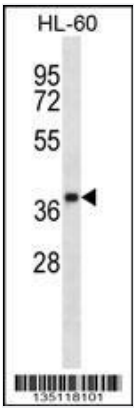
OR5F1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	OR5F1, Polyclonal Antibody
Full Product Name	OR5F1, CT (OR5F1, Olfactory receptor 5F1, Olfactory receptor 11-10, Olfactory receptor OR11-167) (FITC)
Product Gene Name	anti-OR5F1 antibody
Product Synonym Names	OR5F1; Olfactory receptor 5F1; Olfactory receptor 11-10; Olfactory receptor OR11-167
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 Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	35,132 Da
Chromosome Location	Chromosome: 11; NC_000011.9 (55761157..55762101, complement). Location: 11q12.1
OMIM	608492
3D Structure	ModBase 3D Structure for O95221
Immunogen	OR5F1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 282-310 amino acids from the C-terminal region of human OR5F1.
Conjugate	FITC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-OR5F1 antibody	Antibodies; Receptors; Olfactory
Applications Tested/Suitable for anti-OR5F1 antibody	Western Blot (WB), FLISA
Application Notes for anti-OR5F1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-OR5F1 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-OR5F1 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). Buettner, J.A., et al. Genomics 53(1):56-68(1998).
Other Notes	Small volumes of anti-OR5F1 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 OR5F1 purchase	MBS6329232 is an antibody targeting OR5F1. Also known as OR5F1, CT (OR5F1, Olfactory receptor 5F1, Olfactory receptor 11-10, Olfactory receptor OR11-167) (FITC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-OR5F1 antibody
OR5F1 Antibody (C-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the OR5F1 antibody detected the OR5F1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for OR5F1. It may not necessarily be applicable to this product.

NCBI GI #	53828734
NCBI GeneID	338674
NCBI Accession #	NP_003688.1
UniProt Primary Accession #	O95221
UniProt Secondary Accession #	Q495D1; Q6IFB9
UniProt Related Accession #	O95221
GenBank Nucleotide #	NM_003697.1
NCBI Official Full Name	olfactory receptor 5F1
NCBI Official Synonym Full Names	olfactory receptor, family 5, subfamily F, member 1
NCBI Official Symbol	OR5F1
NCBI Official Synonym Symbols	OR11-10
UniProt Protein Name	Olfactory receptor 5F1
UniProt Synonym Protein Names	Olfactory receptor 11-10; OR11-10; Olfactory receptor OR11-167
Protein Family	Olfactory receptor
UniProt Gene Name	OR5F1
UniProt Synonym Gene Names	OR11-10
UniProt Entry Name	OR5F1_HUMAN
NCBI Protein Information	olfactory receptor 5F1; olfactory receptor 11-10; olfactory receptor OR11-167

UniProt Comments for OR5F1	OR5F1: Odorant receptor (Potential). Belongs to the G-protein coupled receptor 1 family. Protein type: Membrane protein, integral; Membrane protein, multi-pass; GPCR, family 1; Receptor, GPCR Chromosomal Location of Human Ortholog: 11q12.1 Cellular Component: integral to membrane; plasma membrane Molecular Function: G-protein coupled receptor activity; olfactory receptor activity Biological Process: G-protein coupled receptor protein signaling pathway; sensory perception of smell; detection of chemical stimulus involved in sensory perception of smell
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