



Anti-OR5D14 monoclonal antibody (DCABH-201163)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
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Immunogen	A synthetic peptide of human OR5D14 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	WB, ELISA
Size	1 mg
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	OR5D14 olfactory receptor, family 5, subfamily D, member 14 [Homo sapiens (human)]
Official Symbol	OR5D14
Synonyms	OR5D14; olfactory receptor, family 5, subfamily D, member 14; OR11-141; OR11-150; olfactory receptor 5D14; olfactory receptor OR11-141; olfactory receptor OR11-150;
Entrez Gene ID	219436
Protein Refseq	NP_001004735
UniProt ID	Q8NGL3
Chromosome Location	11q11
Pathway	GPCR downstream signaling; Olfactory Signaling Pathway; Olfactory transduction; Signal Transduction; Signaling by GPCR.
Function	G-protein coupled receptor activity; olfactory receptor activity;