



# Olfactory receptor 5AR1 Monoclonal Antibody

Catalog No	BYmab-13584
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	OR5AR1
Protein Name	Olfactory receptor 5AR1
Immunogen	The antiserum was produced against synthesized peptide derived from human OR5AR1. AA range:239-288
Specificity	Olfactory receptor 5AR1 Monoclonal Antibody detects endogenous levels of Olfactory receptor 5AR1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	OR5AR1; Olfactory receptor 5AR1; Olfactory receptor OR11-209
Observed Band	35kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	
Function	function:Odorant receptor .,polymorphism:A stop codon in the gene coding for this protein at position Gln-19 is responsible for functional diversity thus producing a pseudogene.,similarity:Belongs to the G-protein coupled receptor 1 family.,
Background	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

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the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. This olfactory receptor gene is a segregating pseudogene, where some individuals have an allele that encodes a functional olfactory receptor, while other individuals have an allele encoding a

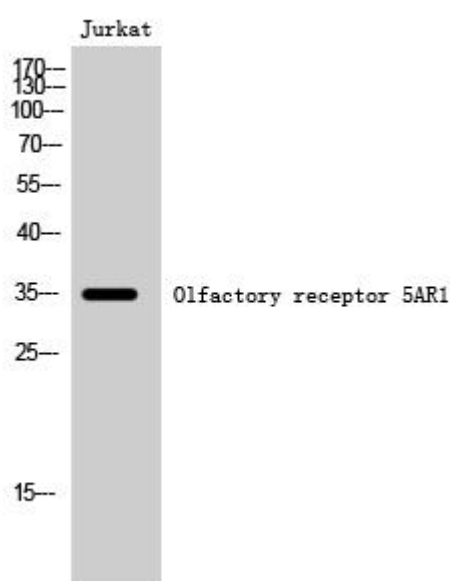
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using Olfactory receptor 5AR1 Monoclonal Antibody