



# OR7D4 Monoclonal Antibody

Catalog No	BYmab-07629
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	OR7D4 OR7D4P
Protein Name	Olfactory receptor 7D4 (OR19-B) (Odorant receptor family subfamily D member 4RT) (Olfactory receptor OR19-7)
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	OR7D4 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	
Observed Band	34kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Nasal olfactory epithelium.
Function	function:Odorant receptor. Selectively activated by androstenone and the related odorous steroid androstadienone.,online information:The selfish smell -Issue 94 of May 2008,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Nasal olfactory epithelium.,
Background	olfactory receptor family 7 subfamily D member 4(OR7D4) Homo sapiens 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

Nanjing BYabscience technology Co.,Ltd



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. [provided by RefSeq, Jul 2008],

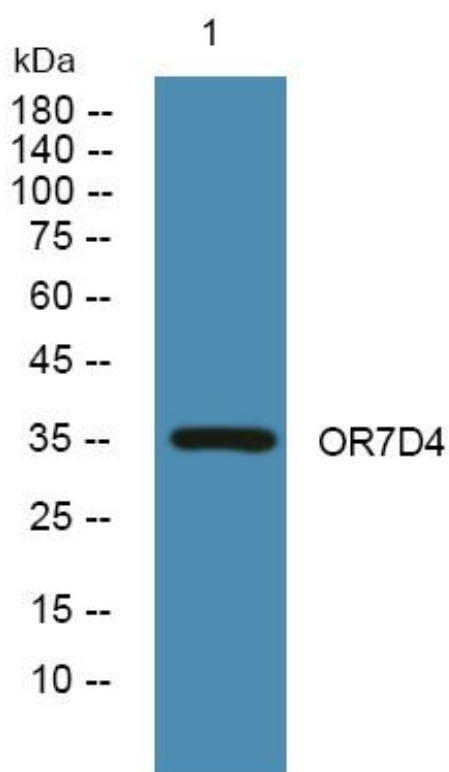
**matters needing attention**

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 OR7D4 Monoclonal Antibody