



# O12D2 Monoclonal Antibody

Catalog No	BYmab-07444
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	OR12D2
Protein Name	Olfactory receptor 12D2 (Hs6M1-20) (Olfactory receptor OR6-28)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	O12D2 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	33kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Cerebellum,
Function	function:Odorant receptor .,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 the genome. The nomenclature assigned to the olfactory receptor genes and proteins for this organism is independent of other organisms. This olfactory

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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

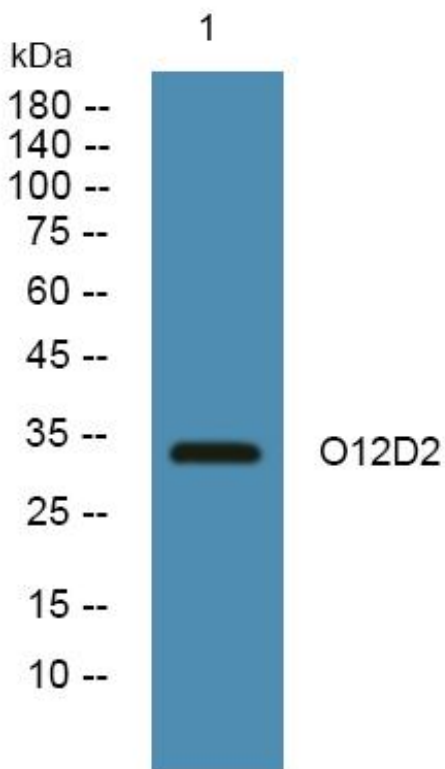
**matters needing attention**

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 O12D2 Monoclonal Antibody