



# OR4DA Monoclonal Antibody

|                    |  |
|--------------------|--|
| Catalog No         | BYmab-07483  |
| Isotype            | IgG  |
| Reactivity         | Human;Rat;Mouse;   |
| Applications       | WB   |
| Gene Name          | OR4D10 OR4D10P   |
| Protein Name       | Olfactory receptor 4D10 (Olfactory receptor OR11-251)  |
| Immunogen          | Synthesized peptide derived from human protein . at AA range: 230-310  |
| Specificity        | OR4DA 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 |  |
| 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. [provided by |

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RefSeq, Jul 2008],

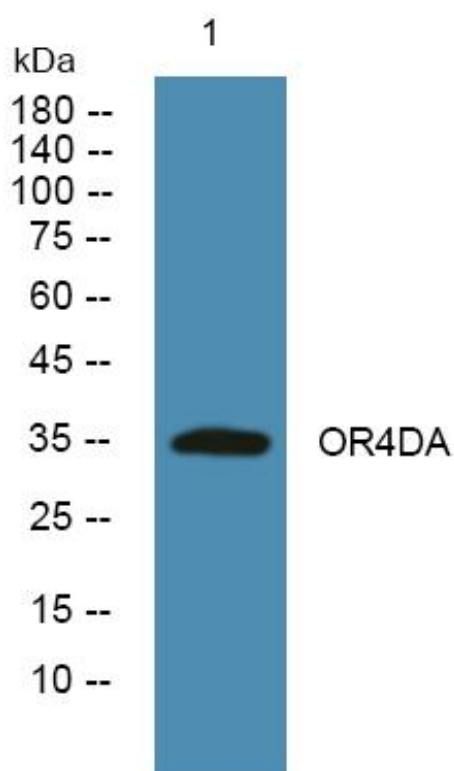
**matters needing attention**

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 OR4DA Monoclonal Antibody

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