

Product Name: OR5B12 Mouse Monoclonal Antibody**Catalog #: AMM85940**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	35.2kDa

Antigen Information

Gene Name	OR5B12
Alternative Names	Olfactory receptor 5B12, Olfactory receptor 5B16, Olfactory receptor OR11-241, OR5B12, OR5B12P, OR5B16
Gene ID	390191.0
SwissProt ID	Q96R08
Immunogen	This OR5B12 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 278-307 amino acids from the C-terminal region of human OR5B12.

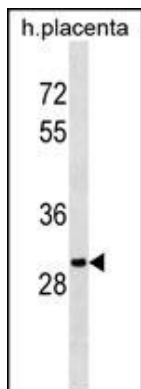
Background

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.

Research Area

Image Data



OR5B12 Antibody (C-term) western blot analysis in human placenta tissue lysates (35µg/lane). This demonstrates the OR5B12 antibody detected the OR5B12 protein (arrow).