

Datasheet for ABIN953890  
**anti-OR6V1 antibody (C-Term)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	0.4 mL
Target:	OR6V1
Binding Specificity:	AA 242-270, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR6V1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 242-270 amino acids from the C-terminal region of human Olfactory receptor 6V1 Genename: OR6V1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 6V1 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	OR6V1
Alternative Name:	Olfactory Receptor 6V1 ( <a href="#">OR6V1 Products</a> )
Background:	Olfactory receptors interact with odorant molecules in the nose, to initiate a neuronal response

## Target Details

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. Synonyms: OR6V1, Olfactory receptor OR7-3

Molecular Weight: 34902 Da

Gene ID: 346517

NCBI Accession: [NP\\_001001667](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

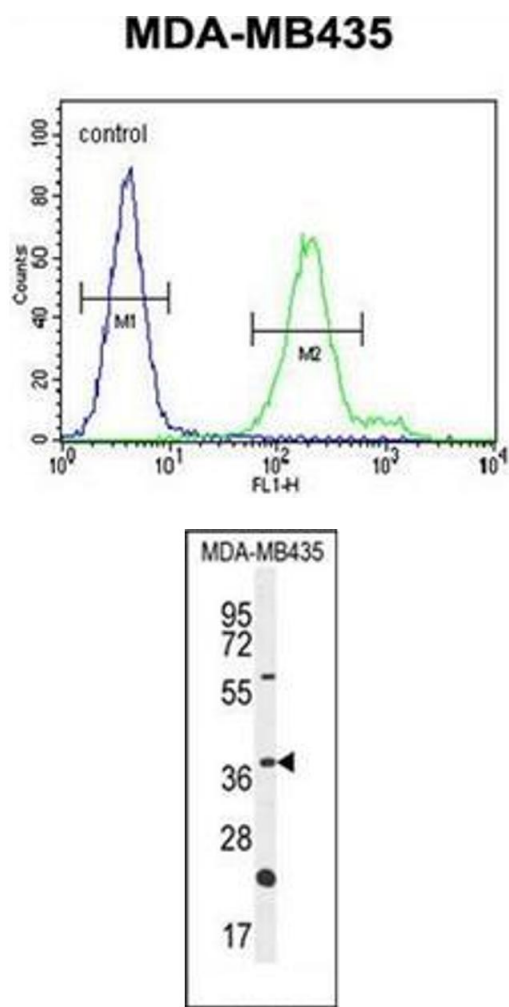
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



**Flow Cytometry**

**Image 1.** Flow cytometric analysis of MDA-MB435 cells using OR6V1 Antibody (C-term) Cat.-No AP53100PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**Western Blotting**

**Image 2.** Western blot analysis of OR6V1 Antibody (C-term) in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the OR6V1 antibody detected the OR6V1 protein (arrow).