

Datasheet for ABIN953886  
**anti-OR6C4 antibody (C-Term)**

## 2 Images

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## Overview

Quantity:	0.4 mL
Target:	OR6C4
Binding Specificity:	AA 245-274, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR6C4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 245-274 amino acids from the C-terminal region of human Olfactory receptor 6C4 Genename: OR6C4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 6C4 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	OR6C4
Alternative Name:	Olfactory Receptor 6C4 ( <a href="#">OR6C4 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: OR6C4, Olfactory receptor OR12-10

Molecular Weight: 35010 Da

Gene ID: 341418

NCBI Accession: [NP\\_001005494](#)

## 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

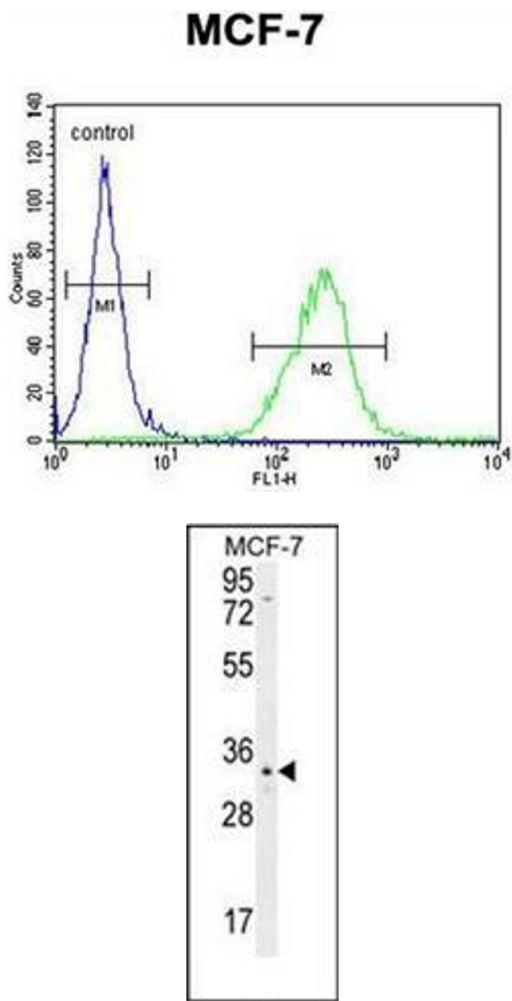
Preservative: Sodium azide

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 MCF-7 cells using OR6C4 Antibody (C-term) Cat.-No AP53096PU-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 OR6C4 Antibody (C-term) in MCF-7 cell line lysates (35ug/lane). This demonstrates the OR6C4 antibody detected the OR6C4 protein (arrow).