



Datasheet for ABIN953822
anti-OR10J5 antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	OR10J5
Binding Specificity:	AA 250-278, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR10J5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 250-278 amino acids from the C-terminal region of human OR10J5
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human ORJ10J5 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR10J5
Alternative Name:	Olfactory Receptor 10J5 (OR10J5 Products)
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: OR10J5, Olfactory receptor OR1-28

Molecular Weight: 34401 Da

Gene ID: 127385

NCBI Accession: [NP_001004469](#)

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

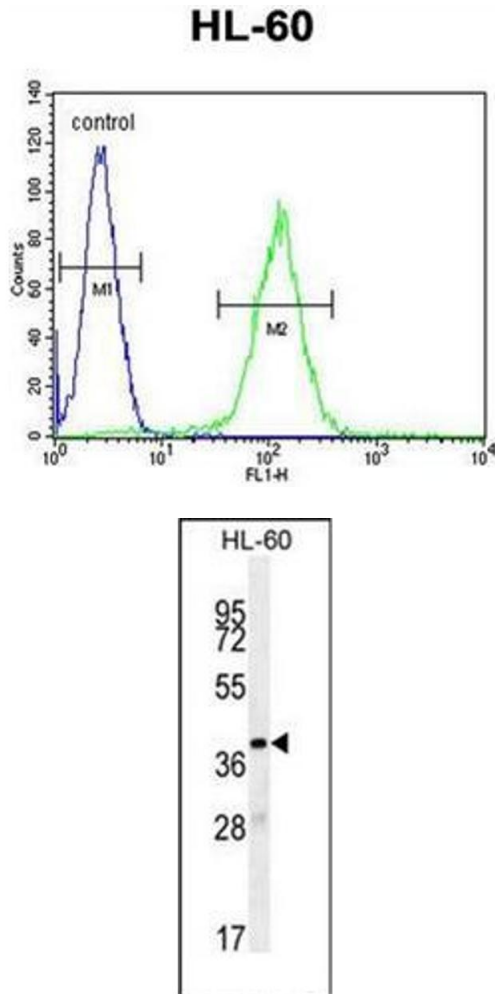
Preservative: Sodium azide

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 HL-60 cells using OR10J5 Antibody (C-term) Cat.-No AP53011PU-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 OR10J5 Antibody (C-term) in HL-60 cell line lysates (35ug/lane). This demonstrates the OR10J5 antibody detected the OR10J5 protein (arrow).