

Datasheet for ABIN953910
anti-OR2B11 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	OR2B11
Binding Specificity:	AA 255-284, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OR2B11 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 255-284 amino acids from the C-terminal region of Human OR2B11
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Olfactory receptor 2B11 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	OR2B11
Alternative Name:	OR2B11 (OR2B11 Products)

Target Details

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. Synonyms: Olfactory receptor 2B11

Molecular Weight: 35342 Da

Gene ID: 127623

NCBI Accession: [NP_001004492](#)

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

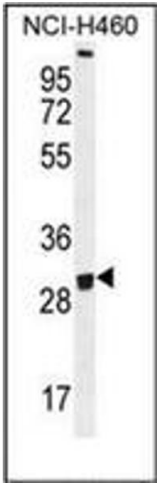
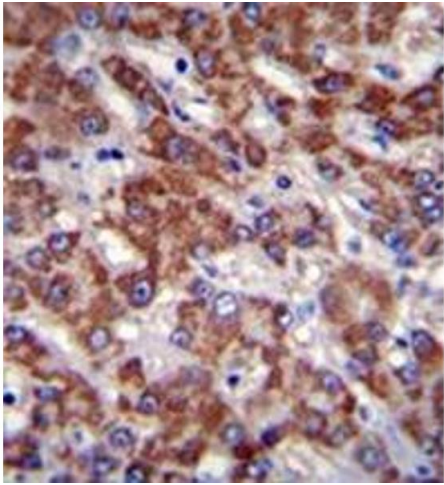
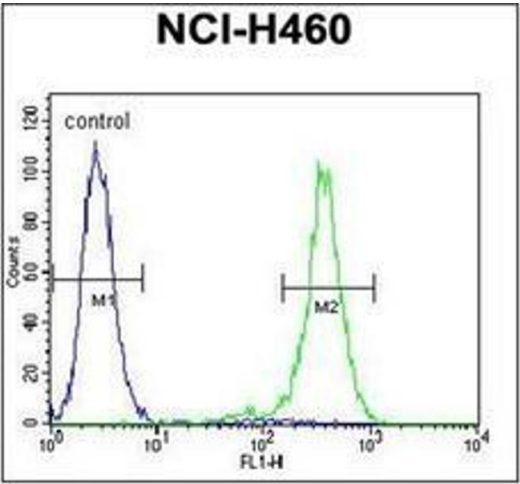
Preservative: Sodium azide

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 NCI-H460 cells using OR2B11 Antibody (C-term) Cat.-No AP53028PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue reacted with OR2B11 Antibody (C-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of OR2B11 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. Western blot analysis of OR2B11 Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the OR2B11 antibody detected the OR2B11 protein (arrow).