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Datasheet for ABIN6983489

## anti-OR52E2 antibody (AA 211-310) (Cy3)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | OR52E2   |
| Binding Specificity: | AA 211-310   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This OR52E2 antibody is conjugated to Cy3  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | KLH conjugated synthetic peptide derived from human OR52E2 |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | Purified by Protein A.                                     |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | OR52E2   |
| Alternative Name: | OR52E2 ( <a href="#">OR52E2 Products</a> )   |
| Background:       | Synonyms: O52E2_HUMAN, Olfactory receptor 52E2, olfactory receptor, family 10, subfamily |

## Target Details

AC, member 1 pseudogene, olfactory receptor, family 52, subfamily E, member 2, OR52E2.

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. [provided by RefSeq, Jul 2008]

Gene ID: 119678

UniProt: [Q8NGJ4](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months