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anti-OR2W3 antibody (C-Term)

2 Images



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Overview		
Quantity:	0.4 mL	
Target:	OR2W3	
Binding Specificity:	AA 293-314, C-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This OR2W3 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	KLH conjugated synthetic peptide between 293-314 amino acids from the C-terminal region of	
	human Olfactory receptor 2W3 Genename: OR2W3	
Isotype:	lg Fraction	
Specificity:	This antibody recognizes Human Olfactory receptor 2W3 (C-term	
Purification:	Protein A column, followed by peptide affinity purification	
Target Details		
Target:	OR2W3	
Alternative Name:	Olfactory Receptor 2W3 (OR2W3 Products)	
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: OR2W3, OR2W3P, OR2W8P, Olfactory receptor OR1-49

Molecular Weight: 34789 Da

Gene ID: 343171

NCBI Accession: NP_001001957

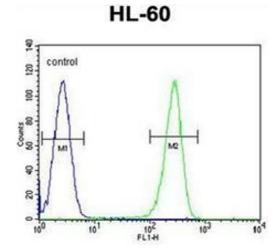
Application Details

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

Restrictions: For Research Use only

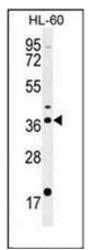
Handling

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. Fllow cytometric analysis of HL-60 cells using OR2W3 Antibody (C-term) Cat.-No AP53043PU-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 OR2W3 Antibody (C-term) in HL-60 cell line lysates (35ug/lane). This demonstrates the OR2W3 antibody detected the OR2W3 protein (arrow