

Frizzled 8 Conjugated Antibody

Catalog No: #C49849



Package Size: #C49849-AF350 100ul #C49849-AF405 100ul #C49849-AF488 100ul
 #C49849-AF555 100ul #C49849-AF594 100ul #C49849-AF647 100ul
 #C49849-AF680 100ul #C49849-AF750 100ul #C49849-Biotin 100ul

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Description

Product Name	Frizzled 8 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Frizzled 8 seven transmembrane spanning receptor antibody frizzled 8, seven transmembrane spanning receptor antibody Frizzled family receptor 8 antibody frizzled homolog 8 (Drosophila) antibody Frizzled homolog 8 antibody Frizzled-8 antibody FZ 8 antibody Fz-8 antibody FZ8 antibody FZD 8 antibody FZD8 antibody FZD8_HUMAN antibody hFZ 8 antibody hFz8 antibody HGNC4046 antibody Homolog of Drosophila Frizzled 8 antibody
Accession No.	Swiss-Prot#:Q9H461
Uniprot	Q9H461
GeneID	8325;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	Predicted band size 73 kDa
Concentration	0.7 mg/ml
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Receptor for Wnt proteins. Component of the Wnt-Fzd-LRP5-LRP6 complex that triggers beta-catenin signaling through inducing aggregation of receptor-ligand complexes into ribosome-sized signalosomes. The beta-catenin canonical signaling pathway leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family members, but it is not yet clear if it represents a distinct pathway or if it can be integrated in the canonical pathway, as PKC seems to be required for Wnt-mediated inactivation of GSK-3 kinase. Both pathways seem to involve interactions with G-proteins. May be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues. Coreceptor along with RYK of Wnt proteins, such as WNT1.

Note: This product is for in vitro research use only