

For Research Use Only

# Frizzled 4 Recombinant monoclonal antibody, PBS Only

Catalog Number:87975-1-PBS



## Basic Information

<b>Catalog Number:</b> 87975-1-PBS	<b>GenBank Accession Number:</b> BC114527	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8322	<b>CloneNo.:</b> 260031F12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9ULV1	
<b>Isotype:</b> IgG	<b>Full Name:</b> frizzled homolog 4 (Drosophila)	
<b>Immunogen Catalog Number:</b> EG5015	<b>Observed MW:</b> 60 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

Frizzled 4, officially known as frizzled class receptor 4 and designated FZD4, is a protein encoded by the FZD4 gene in humans. It is a member of the frizzled (Fz) gene family, which encodes seven-transmembrane domain proteins that primarily function as receptors for Wnt signaling proteins. Frizzled 4 is embedded in the outer membrane of many cell types, where it plays a critical role in transmitting chemical signals from outside the cell to the nucleus. Frizzled 4 has an almost ubiquitous expression pattern and is found in a wide range of human tissues. Mutations in the FZD4 gene are linked to familial exudative vitreoretinopathy (EVR1), an eye disorder that affects the retina and can lead to progressive vision loss.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

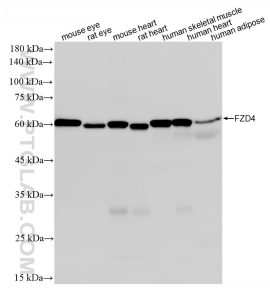
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87975-1-RR (FZD4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87975-1-PBS in a different storage buffer formulation.