

For Research Use Only

# Frizzled 10 Recombinant monoclonal antibody

Catalog Number:85829-2-RR



## Basic Information

<b>Catalog Number:</b> 85829-2-RR	<b>GenBank Accession Number:</b> BC074998	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11211	<b>CloneNo.:</b> 243131B5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9ULW2	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000 IF/ICC: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> frizzled homolog 10 (Drosophila)	
<b>Immunogen Catalog Number:</b> AG12867	<b>Calculated MW:</b> 581 aa, 65 kDa	
	<b>Observed MW:</b> 65-70 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : mouse kidney tissue, rat kidney tissue
<b>Species Specificity:</b> human, mouse, rat	<b>IF/ICC :</b> Caco-2 cells,

## Background Information

FZD10 (Frizzled homolog 10) is a member of the frizzled gene family, and considered as a seven-transmembrane Wnt-signaling receptor. FZD10 is expressed at high levels on the cell surface of almost all synovial sarcoma tissues but absent in most normal organs except for placenta. Up-regulation of FZD10 mRNA in several types of human cells might lead to carcinog

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

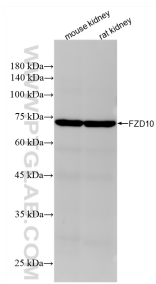
For technical support and original validation data for this product please contact:

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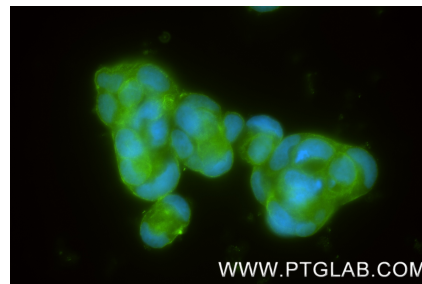
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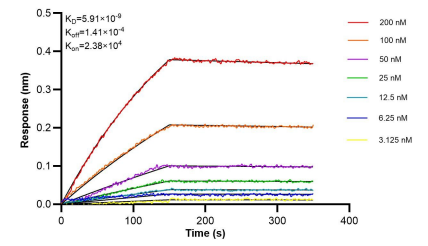
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85829-2-RR (Frizzled 10 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Caco-2 cells using Frizzled 10 antibody (85829-2-RR, Clone: 243131B5) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Bioluminescence resonance energy transfer (BRET) kinetic assays of 85829-2-RR against Human Frizzled 10 were performed. The affinity constant is 5.91 nM.