

For Research Use Only

# SFRP2 Monoclonal antibody

Catalog Number: 66328-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 66328-1-Ig	<b>GenBank Accession Number:</b> BC008666	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 6423	<b>CloneNo.:</b> 1F3A1
<b>Source:</b> Mouse	<b>Full Name:</b> secreted frizzled-related protein 2	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:750-1:3000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 295 aa, 34 kDa	
<b>Immunogen Catalog Number:</b> AG18840	<b>Observed MW:</b> 38 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : pig brain tissue, Y79 cells, COLO 320 cells, rat brain tissue IHC : human malignant melanoma tissue, IF : A549 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, rat, pig, rabbit, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Secreted frizzled-related protein 2 (Sfrp2) is a secreted glycoprotein molecule containing an N terminal cysteine-rich domain, which is typically 30-50% identical to the putative Wnt-binding site of the frizzled receptor, and a C terminal heparin-binding domain with weak homology to netrins. It has been implicated in diverse cellular processes, including embryogenesis, regulation of cell apoptosis, and cell differentiation. Methylation of this gene is a potential marker for the presence of colorectal cancer.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xin Tao	30954576	Exp Cell Res	WB

## Storage

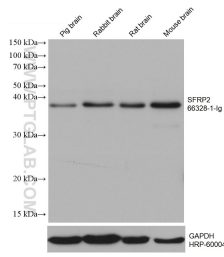
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

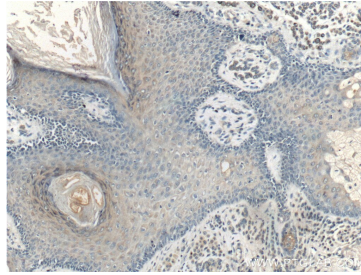
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

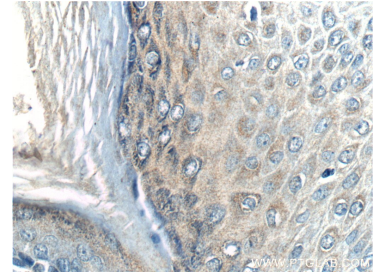
## Selected Validation Data



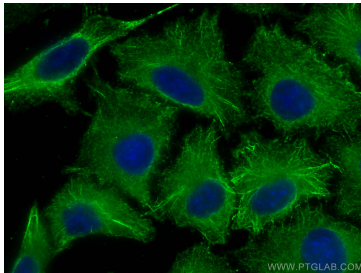
Various lysates were subjected to SDS PAGE followed by western blot with 66328-1-ig (SFRP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



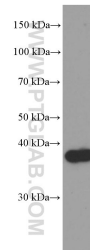
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66328-1-ig (SFRP2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66328-1-ig (SFRP2 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using SFRP2 antibody (66328-1-ig, Clone: 1F3A1 ) at dilution of 1:1500 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



rat brain tissue were subjected to SDS PAGE followed by western blot with 66328-1-ig (SFRP2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.