

For Research Use Only

SFRP2 Monoclonal antibody

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



Basic Information

Catalog Number: 66328-1-Ig	GenBank Accession Number: BC008666	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6423	CloneNo.: 1F3A1
Source: Mouse	UNIPROT ID: Q96HF1	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:750-1:3000
Isotype: IgG1	Full Name: secreted frizzled-related protein 2	
Immunogen Catalog Number: AG18840	Calculated MW: 295 aa, 34 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications:

WB, IF, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, rat, pig, rabbit, mouse

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : pig brain tissue, Y79 cells, COLO 320 cells, rat brain tissue, rabbit brain tissue, mouse brain tissue

IHC : human malignant melanoma tissue,

IF : A549 cells,

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

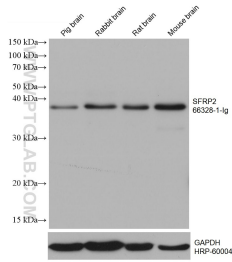
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

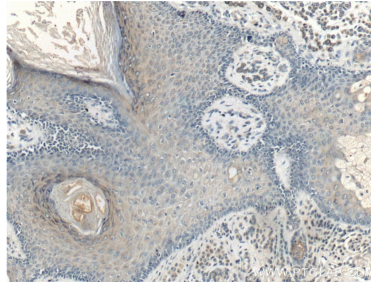
E: proteintech@ptglab.com
W: ptglab.com

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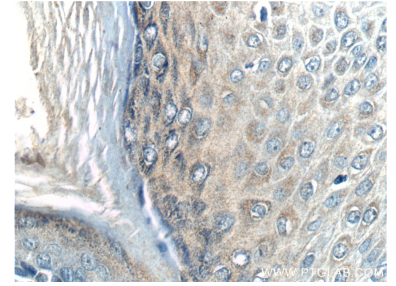
Selected Validation Data



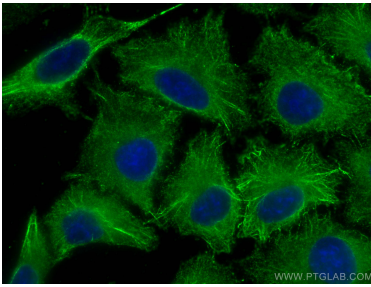
Various lysates were subjected to SDS PAGE followed by western blot with 66328-1-Ig (SFRP2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



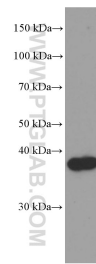
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66328-1-Ig (SFRP2 Antibody) at dilution of 1:200 (under 10x lens).



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.