

For Research Use Only

# SURF1 Recombinant antibody, PBS Only (Detector)



Catalog Number: 83052-5-PBS

## Basic Information

Catalog Number:	83052-5-PBS	GenBank Accession Number:	BC028314	Purification Method:	Protein A purification
Size:	1mg/ml	GeneID (NCBI):	6834	CloneNo.:	230210F11
Source:	Rabbit	UNIPROT ID:	Q15526		
Isotype:	IgG	Full Name:	surfeit 1		
Immunogen Catalog Number:	AG3959	Calculated MW:	33 kDa		

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA, IP, IF/ICC, IHC

**Species Specificity:**  
mouse, human

## Background Information

### Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
100% PBS pH 7.3

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

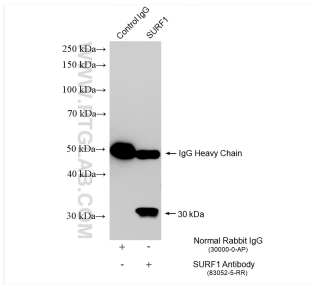
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

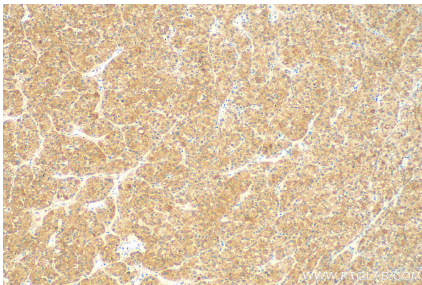
W: [ptgcn.com](http://ptgcn.com)

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

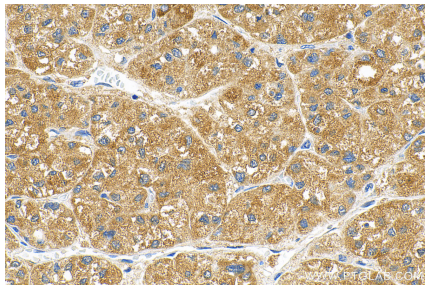
Selected Validation Data



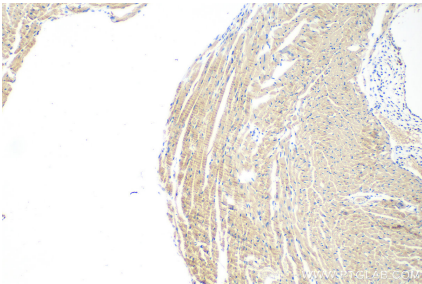
IP result of anti-SURF1 (IP:83052-5-RR, 4ug; Detection:83052-5-RR 1:2000) with HeLa cells lysate 1050 ug. This data was developed using the same antibody clone with 83052-5-PBS in a different storage buffer formulation.



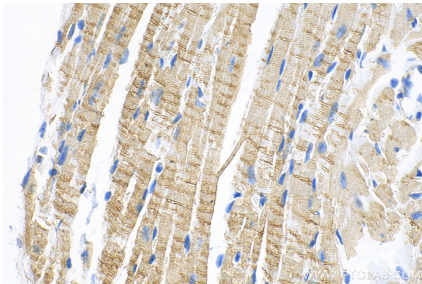
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 83052-5-RR (SURF1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83052-5-PBS in a different storage buffer formulation.



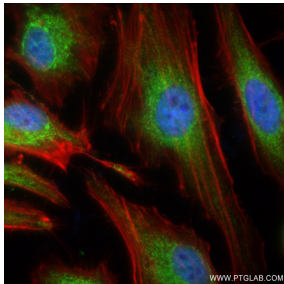
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 83052-5-RR (SURF1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83052-5-PBS in a different storage buffer formulation.



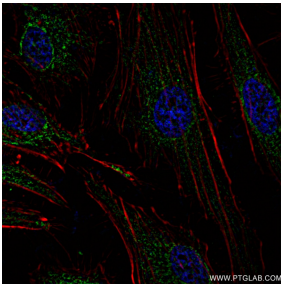
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 83052-5-RR (SURF1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83052-5-PBS in a different storage buffer formulation.



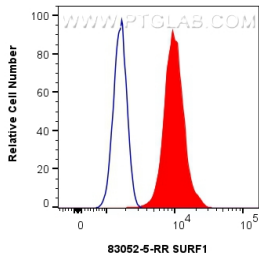
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 83052-5-RR (SURF1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83052-5-PBS in a different storage buffer formulation.



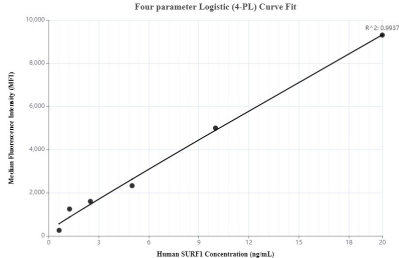
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SURF1 antibody (83052-5-RR, Clone: 230210F11) at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 83052-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using SURF1 antibody (83052-5-RR, Clone: 230210F11) at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 83052-5-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug SURF1 Recombinant antibody (83052-5-RR, Clone:230210F11) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83052-5-PBS in a different storage buffer formulation.



Cytometric bead array standard curve ofMP00034-3, SURF1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83052-2-PBS. Detection antibody: 83052-5-PBS. Standard: Ag3959. Range: 0.625-20 ng/mL.