

For Research Use Only

# SURF1 Recombinant antibody, PBS Only

Catalog Number: 83052-6-PBS



## Basic Information

Catalog Number:

83052-6-PBS

Size:

100ug, Concentration: 1mg/ml by  
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3959

GenBank Accession Number:

BC028314

GeneID (NCBI):

6834

UNIPROT ID:

Q15526

Full Name:

surfeit 1

Calculated MW:

33 kDa

Observed MW:

30-31 kDa

Purification Method:

Protein A purification

CloneNo.:

230210E12

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

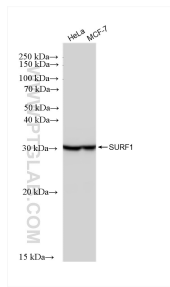
For technical support and original validation data for this product please contact:

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

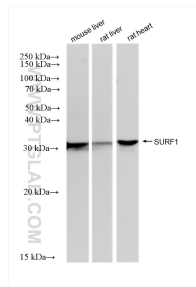
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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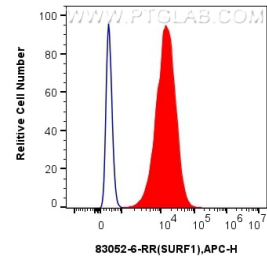
## Selected Validation Data



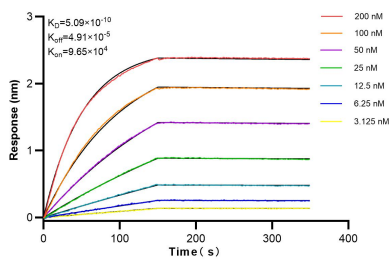
Various lysates were subjected to SDS PAGE followed by western blot with 83052-6-RR (SURF1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83052-6-PBS in a different storage buffer formulation.



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$1 \times 10^6$  HepG2 cells were intracellularly stained with 0.25  $\mu$ g Anti-Human SURF 1 (83052-6-RR, Clone:230210E12) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (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 83052-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83052-6-RR against Human SURF 1 were performed. The affinity constant is 0.509 nM.