

For Research Use Only

SURF1 Recombinant antibody

Catalog Number: 83052-6-RR



Basic Information

Catalog Number:

83052-6-RR

Size:

1000 µg/ml

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

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, mouse liver tissue, MCF-7 cells, rat liver tissue, rat heart tissue

Background Information

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

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

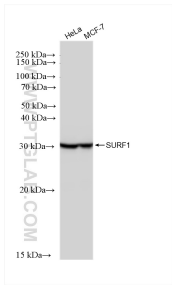
T: 4006900926

E: Proteintech-CN@ptglab.com

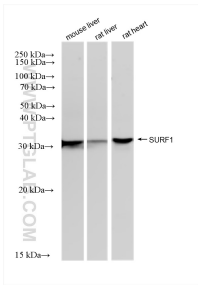
W: ptgcn.com

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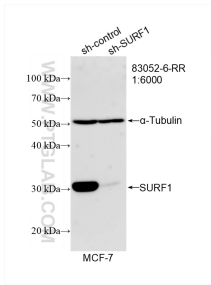
Selected Validation Data



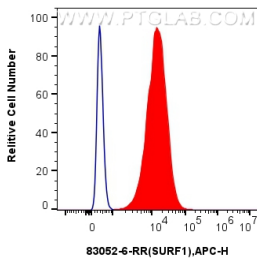
Various lysates were subjected to SDS PAGE followed by western blot with 83052-6-RR (SURF1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



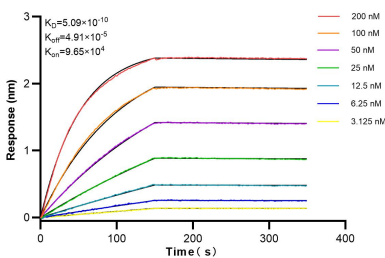
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WB result of SURF1 antibody (83052-6-RR; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SURF1 transfected MCF-7 cells.



1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug Anti-Human SURF1 (83052-6-RR, Clone:230210E12) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 83052-6-RR against Human SURF1 were performed. The affinity constant is 0.509 nM.