

For Research Use Only

# SURF1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83052-8-PBS



## Basic Information

<b>Catalog Number:</b> 83052-8-PBS	<b>GenBank Accession Number:</b> BC028314	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6834	<b>CloneNo.:</b> 230210H5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q15526	
<b>Isotype:</b> IgG	<b>Full Name:</b> surfeit 1	
<b>Immunogen Catalog Number:</b> AG3959	<b>Calculated MW:</b> 33 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

83052-8-PBS targets SURF1 as part of a matched antibody pair:

MP00034-4: 83052-2-PBS capture and 83052-8-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

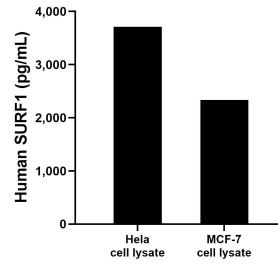
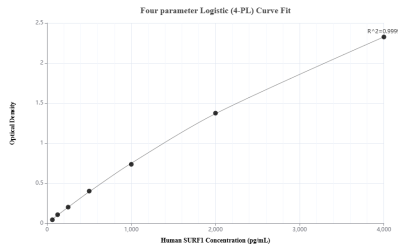
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Sandwich ELISA standard curve of MP00034-4, Human SURF1 Recombinant Matched Antibody Pair - PBS only. 83052-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3959. 83052-8-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL.

HeLa and MCF-7 cell lysates were measured. The human SURF1 concentration of detected samples was determined to be 3,709.4 pg/mL (based on a 6.4 mg/mL extract load) in HeLa cell lysate and 2,335.0 pg/mL (based on a 4.3 mg/mL extract load) in MCF-7 cell lysate.