

For Research Use Only

# Sestrin 2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83202-3-PBS



## Basic Information

Catalog Number:

83202-3-PBS

Size:

1mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1247

GenBank Accession Number:

BC013304

GeneID (NCBI):

83667

UNIPROT ID:

P58004

Full Name:

sestrin 2

Calculated MW:

54 kDa

Purification Method:

Protein A purification

CloneNo.:

240034H3

## Applications

Tested Applications:

WB, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

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:

PBS Only

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

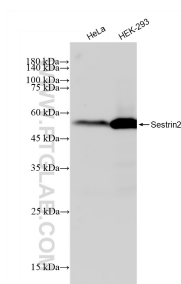
T: 4006900926

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

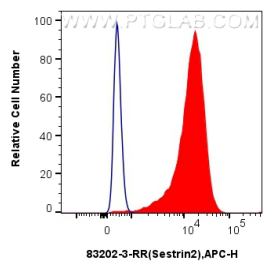
W: [ptgcn.com](http://ptgcn.com)

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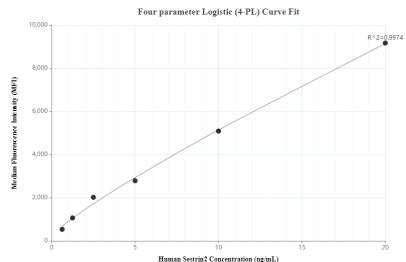
## Selected Validation Data



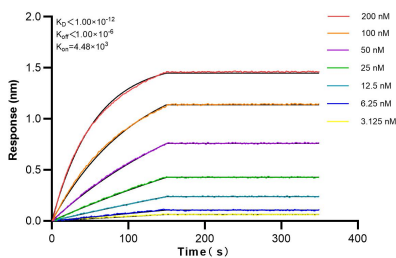
Various lysates were subjected to SDS PAGE followed by western blot with 83202-3-RR (Sestrin 2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83202-3-PBS in a different storage buffer formulation.



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.25 ug Sestrin 2 Recombinant antibody (83202-3-RR, Clone:240034H3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 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 83202-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00278-1, Sestrin 2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83202-2-PBS. Detection antibody: 83202-3-PBS. Standard: Ag1247. Range: 0.625-20 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83202-3-RR against Human Sestrin 2 were performed. The affinity constant is below 1 pM.