

For Research Use Only

Sestrin 2 Recombinant antibody

Catalog Number: 83202-3-RR



Basic Information

Catalog Number:

83202-3-RR

Size:

1000 µg/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

Observed MW:

54 kDa

Purification Method:

Protein A purification

CloneNo.:

240034H3

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, FC, ELISA

Species Specificity:

Human

Positive Controls:

WB : HeLa cells, HEK-293 cells

Background Information

SESN is a family of highly conserved, stress-inducible genes that can defend the cell against oxidative damage and oncogenic signaling. SESN2, which belongs to the SESN family, has been implicated as a tumor suppressor that can inhibit angiogenesis and promote autophagy, underscoring the importance of elucidating the molecular mechanism by which SESN2 regulates pathways of metabolism and survival.(PMID:22363791).

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:

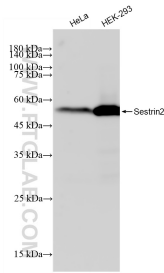
T: 4006900926

E: Proteintech-CN@ptglab.com

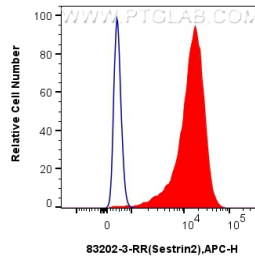
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Selected Validation Data



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.



1×10^6 HEK-293 cells were intracellularly stained with 0.25 μ g Sestrin 2 Recombinant antibody (83202-3-RR, Clone:240034H3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).