

For Research Use Only

CoraLite®594-conjugated SBDS Monoclonal antibody

Catalog Number: CL594-67200

Featured Product



Basic Information

Catalog Number:

CL594-67200

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG11731

GenBank Accession Number:

BC065700

GeneID (NCBI):

51119

UNIPROT ID:

Q9Y3A5

Full Name:

Shwachman-Bodian-Diamond
syndrome

Calculated MW:

250 aa, 29 kDa

Observed MW:

29-31 kDa

Purification Method:

Protein A purification

CloneNo.:

1F8A10

Recommended Dilutions:

WB 1:500-1:2000

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

WB, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HepG2 cells, HeLa cells

Background Information

Shwachman-Bodian-Diamond syndrome (SBDS) is a member of a highly conserved protein family that exists from archaea to vertebrates and plants. The protein may function in RNA metabolism. Mutations within its gene are associated with Shwachman-Bodian-Diamond syndrome. This gene encodes a member of a highly conserved protein family that exists from archaea to vertebrates and plants. The encoded protein may function in RNA metabolism. Mutations within this gene are associated with Shwachman-Bodian-Diamond syndrome. An alternative transcript has been described, but its biological nature has not been determined. This gene has a closely linked pseudogene that is distally located.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

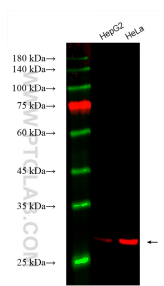
T: 4006900926

E: Proteintech-CN@ptglab.com

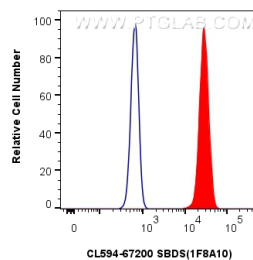
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL594-67200 (SBDS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1×10^6 HeLa cells were intracellularly stained with 0.4 ug CoraLite®594-conjugated SBDS Monoclonal antibody (CL594-67200, Clone:1F8A10)(red), or 0.4 ug CoraLite®594 Mouse IgG2a isotype control (11A1B2) (CL594-66360-2, Clone: 11A1B2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).