

For Research Use Only

SBDS Monoclonal antibody

Catalog Number: 67200-1-Ig

Featured Product

1 Publications



Basic Information

Catalog Number: 67200-1-Ig	GenBank Accession Number: BC065700	Purification Method: Protein A purification
Size: 150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51119	CloneNo.: 1F8A10
Source: Mouse	UNIPROT ID: Q9Y3A5	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:1000-1:4000 IF/ICC 1:200-1:800
Isotype: IgG2a	Full Name: Shwachman-Bodian-Diamond syndrome	
Immunogen Catalog Number: AG11731	Calculated MW: 250 aa, 29 kDa	
	Observed MW: 29-31 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells

IHC : human breast cancer tissue,

IF/ICC : HepG2 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.

Notable Publications

Author	Pubmed ID	Journal	Application
David P Dannheisig	34944838	Cancers (Basel)	WB

Storage

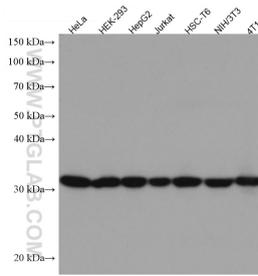
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

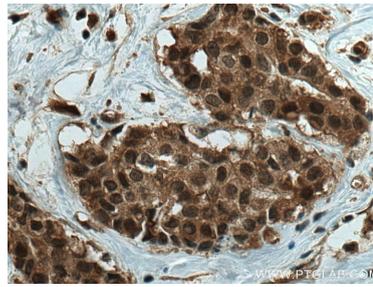
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

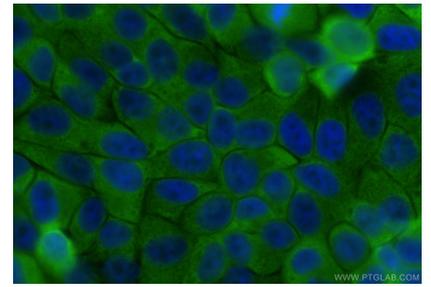
Selected Validation Data



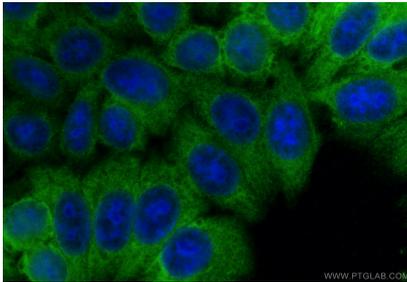
Various lysates were subjected to SDS PAGE followed by western blot with 67200-1-Ig (SBDS antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67200-1-Ig (SBDS antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using SBDS antibody (67200-1-Ig, Clone: 1F8A10) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SBDS antibody (67200-1-Ig, Clone: 1F8A10) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1).