

# Product Datasheet

## Ribosome maturation protein SBDS Antibody (1E8) - BSA Free NBP2-22594

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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Updated 9/9/2025 v.20.1

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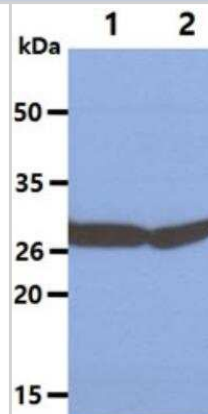
**NBP2-22594**

Ribosome maturation protein SBDS Antibody (1E8) - BSA Free

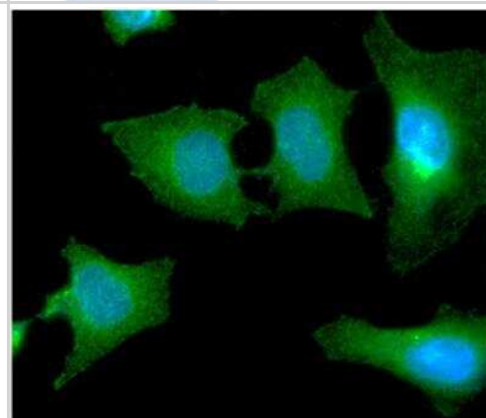
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1E8
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4), 10% Glycerol
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Ribosome maturation protein SBDS Antibody (1E8) - BSA Free (NBP2-22594) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Ribosome maturation protein SBDS Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	51119
<b>Gene Symbol</b>	SBDS
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant human Ribosome maturation protein SBDS (1-250aa) purified from E. coli
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:3000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:100

## Images

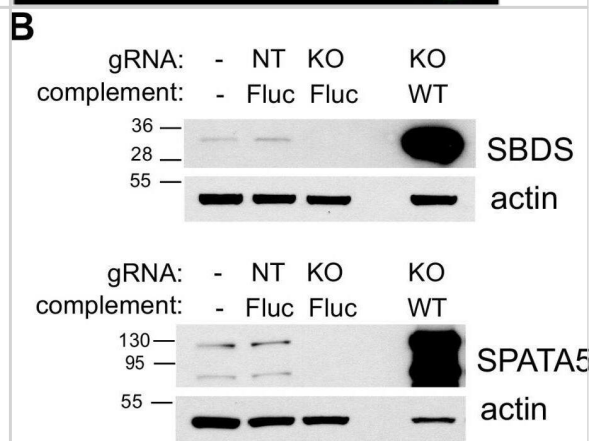
Western Blot: Shwachman Bodian-Diamond syndrome Antibody (1E8) [NBP2-22594] - Lane 1. 293T cell lysate, Lane 2. HeLa cell lysate.



Immunocytochemistry/Immunofluorescence: Shwachman Bodian-Diamond syndrome Antibody (1E8) [NBP2-22594] - Analysis in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human SBDS antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



Genetic reconstitution of viral infection by expression of SBDS and SPATA5. (A) Infectivity of Huh7.5 cells treated with indicated CRISPR gRNAs and complemented with lentiviral expression of firefly luciferase (Fluc) or guide-resistant host factors infected with MOI 1 YFV-Venus for 24 h and analyzed by flow cytometry. (B) Lysates from Huh7.5 cells untreated or treated with indicated CRISPR gRNAs and complemented with lentiviral expression of Fluc or guide-resistant host factors were analyzed by Western blotting using anti-SBDS or anti-SPATA5 antibodies. Blot membranes were also probed with anti-actin antibodies (indicated) ( $n = 3$  biological replicates). Statistical significance was determined by two-way ANOVA. KO, knockout; NonTarg or NT, nontargeting CRISPR guides; WT, wild type; \*\*\*\*,  $P < 0.0001$ . Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36809113>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Ohlson MB, Eitson JL, Wells AI et al. Genome-Scale CRISPR Screening Reveals Host Factors Required for Ribosome Formation and Viral Replication mBio 2023-04-25 [PMID: 36809113] (Western Blot)



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### **Products Related to NBP2-22594**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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