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# anti-SSB antibody (N-Term)

3 Images

3

**Publications** 

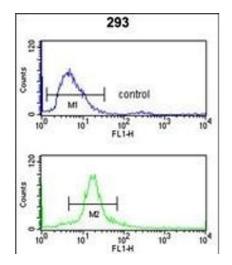


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Overview	
Quantity:	400 μL
Target:	SSB
Binding Specificity:	AA 66-96, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SSB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)
Product Details	
lmmunogen:	This SSB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-96 amino acids from the N-terminal region of human SSB.
Clone:	RB17351
Isotype:	lg Fraction
Predicted Reactivity:	В
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	SSB

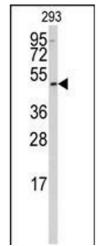
## **Target Details**

Alternative Name:	SSB (SSB Products)
Background:	SSB is involved in diverse aspects of RNA metabolism, including binding and protecting 3-prime UUU(OH) elements of newly RNA polymerase III -transcribed RNA, processing 5-prime and 3-prime ends of pre-tRNA precursors, acting as an RNA chaperone, and binding viral RNAs associated with hepatitis C virus. This protein was originally defined by its reactivity with autoantibodies from patients with Sjogren syndrome and systemic lupus erythematosus.
Molecular Weight:	46837
NCBI Accession:	NP_003133
UniProt:	P05455
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months
Publications	
Product cited in:	Mishra, Chandravanshi, Trigun, Krishnamurthy: "Ambroxol modulates 6-Hydroxydopamine-induced temporal reduction in Glucocerebrosidase (GCase) enzymatic activity and Parkinson's disease symptoms." in: <b>Biochemical pharmacology</b> , Vol. 155, pp. 479-493, (2019) (PubMed).



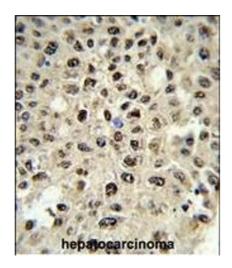
#### **Flow Cytometry**

**Image 1.** SSB Antibody (N-term) (ABIN1882133 and ABIN2839422) flow cytometry analysis of 293 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** Western blot analysis of anti-SSB Antibody (Nterm) (ABIN1882133 and ABIN2839422) in 293 cell line lysates ( $35 \,\mu\text{g/lane}$ ).SSB(arrow) was detected using the purified Pab.



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with SSB Antibody (N-term) (ABIN1882133 and ABIN2839422), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.