

Mouse SSB Monoclonal Antibody | anti-SSB antibody

SSB antibody

CATALOG # AAA107501	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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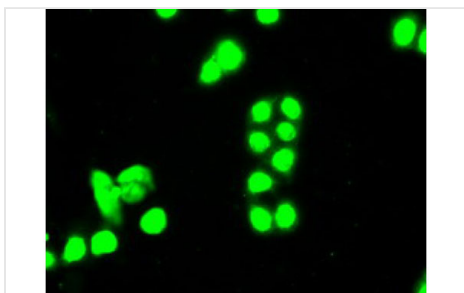
PRODUCT SYNONYMS

SSB; Monoclonal Antibody; SSB antibody; Monoclonal SSB; Anti-SSB; Sjogren Syndrome Antigen B; Autoantigen La; LARP3; La; anti-SSB antibody

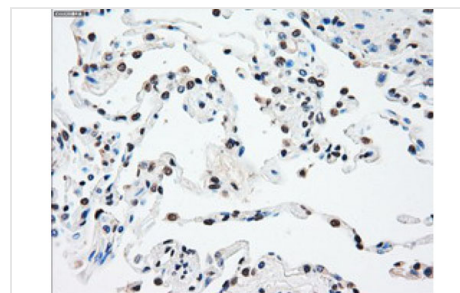
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3H9
Purity/Purification	SSB antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	162
Applicable Applications for anti-SSB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	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. SSB protein was origin ally defined by its reactivity with autoantibodies from patients with Sjogren syndrome and systemic lupus erythematosus.
Cross-Reactivity	Human, Dog
Immunogen	SSB antibody was raised in mouse using a protein expressed in 293T cell transfected with human SSB expression vector as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

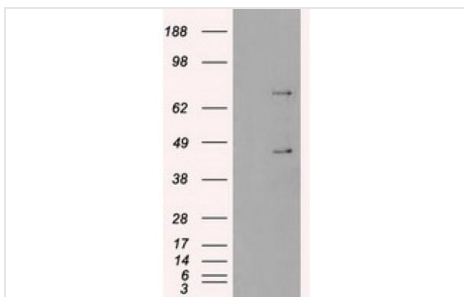
IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of endogenous SSB protein in HT29 cells using SSB antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of SSB protein in paraffin embedded Human lung tissue using SSB antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SSB protein (Right) or empty vector (Left) detected with SSB antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SSB antibody	Mouse monoclonal SSB antibody
Product Categories/Family for anti-SSB antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	46401640
NCBI GeneID	2777409
NCBI Accession #	YP_006485.1
NCBI GenBank Nucleotide #	NC_005856.1
Molecular Weight	18,056 Da
NCBI Official Full Name	Ssb
NCBI Official Symbol	ssb
NCBI Protein Information	single-stranded DNA binding protein
UniProt Protein Name	Single-stranded DNA-binding protein
UniProt Gene Name	ssb
UniProt Entry Name	SSB_BPP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ssb-antibody-clone-3h9-western-blot-immunohistochemistry-elisa/107501>