10320 Camino Santa Fe, Suite G
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SSB / La Antibody (clone 1E11)

Mouse Monoclonal Antibody
Catalog # ALS15993

Specification

SSB / La Antibody (clone 1E11) - Product Information

Application	**IF, IHC, WB**
Primary Accession	P05455
Reactivity	**Human, Mouse, Rat, Monkey, Dog**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**47kDa KDa**

SSB / La Antibody (clone 1E11) - Additional Information

Gene ID 6741

Other Names
Lupus La protein, La autoantigen, La ribonucleoprotein, Sjoegren syndrome type B antigen, SS-B, SSB

Target/Specificity
Human SSB / La

Reconstitution & Storage
Store at -20°C. Minimize freezing and thawing.

Precautions
SSB / La Antibody (clone 1E11) is for research use only and not for use in diagnostic or therapeutic procedures.

SSB / La Antibody (clone 1E11) - Protein Information

Name SSB

Function
Binds to the 3' poly(U) terminus of nascent RNA polymerase III transcripts, protecting them from exonuclease digestion and facilitating their folding and maturation (PubMed:3192525, PubMed:2470590). In case of Coxsackievirus B3 infection, binds to the viral internal ribosome entry site (IRES) and stimulates the IRES- mediated translation (PubMed:12384597).

Cellular Location
Nucleus.

Volume

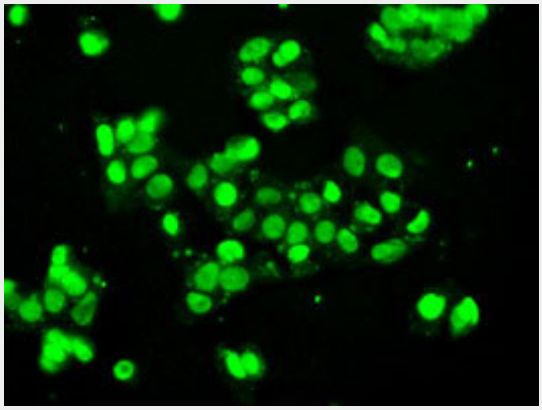
50 µl

SSB / La Antibody (clone 1E11) - Protocols

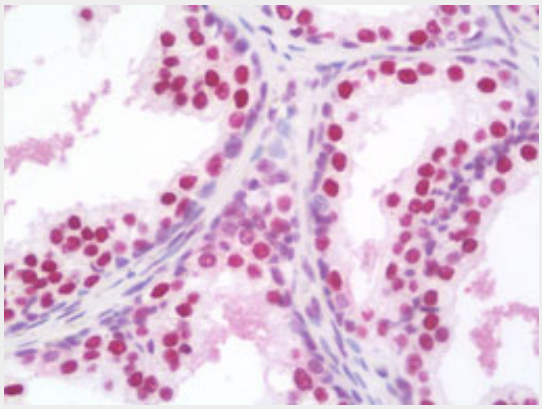
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SSB / La Antibody (clone 1E11) - Images

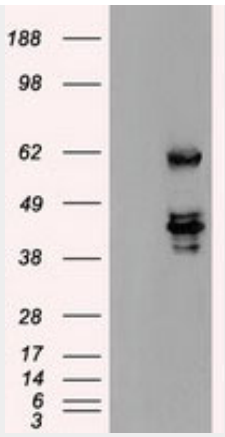


Immunofluorescent staining of HepG2 cells using anti-SSB mouse monoclonal antibody.

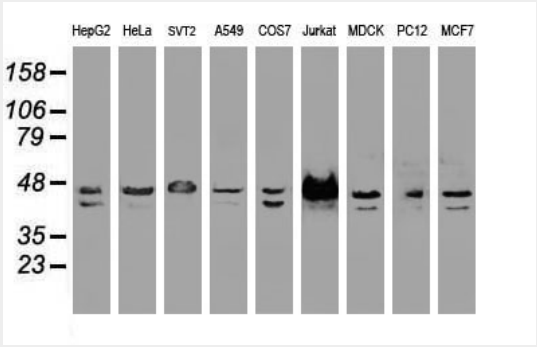


Anti-SSB / La antibody IHC staining of human prostate.

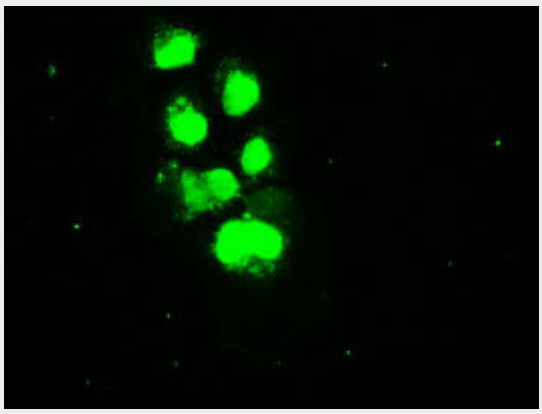
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HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SSB...



Western blot of extracts (35 ug) from 9 different cell lines by using anti-SSB monoclonal antibody.



Anti-SSB mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...

SSB / La Antibody (clone 1E11) - Background

Binds to the 3' poly(U) terminus of nascent RNA polymerase III transcripts, protecting them from exonuclease digestion and facilitating their folding and maturation.

SSB / La Antibody (clone 1E11) - References

Chan E.K.L.,et al.Nucleic Acids Res. 17:2233-2244(1989).
Chambers J.C.,et al.J. Biol. Chem. 263:18043-18051(1988).
Kalnine N.,et al.Submitted (AUG-2003) to the EMBL/GenBank/DDBJ databases.
Goshima N.,et al.Nat. Methods 5:1011-1017(2008).
Hillier L.W.,et al.Nature 434:724-731(2005).