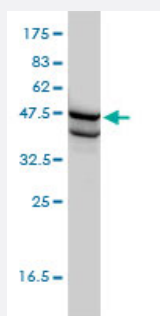


SSB monoclonal antibody (M01), clone 1D6-H5

Catalog # H00006741-M01

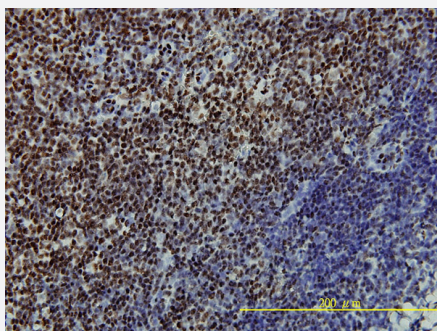
Size 100 ug

Applications



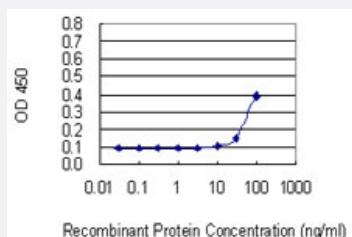
Western Blot (Cell lysate)

SSB monoclonal antibody (M01), clone 1D6-H5 Western Blot analysis of SSB expression in HL-60 (Cat # L014V1).



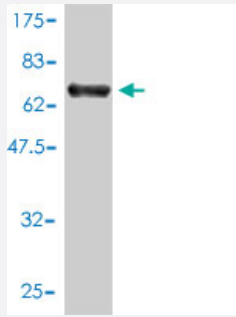
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to SSB on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 5 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SSB is 10 ng/ml as a capture antibody.



Western Blot detection against Immunogen (70.62 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant SSB.
Immunogen	SSB (AAH01289, 1 a.a. ~ 408 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAENGDNEKMAALEAKICHQIEYYFGDFNLPRDKFLKEQIKLDEGWVPLEIMIKFNRLNRLTTDFNV VEALSKSKAELMEISEDKTKIRRSPPSKPLPEVTDEYKNDVKNRSVYIKGFPTDATLDDIKEWLEDK GQVLNIQMRRTLHKAFKGSIFVVFDSIESAKKFVETPGQKYKETDLLILFKDDYFAKKNEERKQNKV EAKLRAKQEQEAKQKLEEDAEMKSLEEKIGCLLKFSGLDDQTCREDLHILFSNHGEIKWIDFVR GAKEGIILFKEKAKEALGKAKDANNGNLQLRNKEVTWEVLEGEVEKEALKKIIEDQQESLNKWKS KGRRFKGGKGNKAAQPGSGKGKVQFQGKKTKFASDDEHDEHDENGATGPVKRAREETDKEE PASKQQKTENGAGDQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (77); Rat (77)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (70.62 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SSB monoclonal antibody (M01), clone 1D6-H5 Western Blot analysis of SSB expression in HL-60 (Cat # L014V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to SSB on formalin-fixed paraffin-embedded human tonsil tissue. [antibody concentration 5 ug/ml]

[Protocol Download](#)

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Detection limit for recombinant GST tagged SSB is 10 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SSB

Entrez GeneID [6741](#)

GeneBank Accession# [BC001289](#)

Protein Accession# [AAH01289](#)

Gene Name SSB

Gene Alias LARP3, La

Gene Description Sjogren syndrome antigen B (autoantigen La)

Omim ID [109090](#)

Gene Ontology [Hyperlink](#)

Gene Summary La is involved in diverse aspects of RNA metabolism, including binding and protecting 3-prime U UU(OH) elements of newly RNA polymerase III (see MIM 606007)-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. La protein was originally defined by its reactivity with auto antibodies from patients with Sjogren syndrome (MIM 270150) and systemic lupus erythematosus (SLE; MIM 152700) (Teplova et al., 2006 [PubMed 16387655]).[supplied by OMIM]

Other Designations

La ribonucleoprotein domain family, member 3|SS-B/La protein|autoantigen La

Publication Reference

- [Phosphorylation of human La protein at Ser 366 by casein kinase II contributes to hepatitis B virus replication and expression in vitro.](#)

Tang J, Zhang ZH, Huang M, Heise T, Zhang J, Liu GL.

Journal of Viral Hepatitis 2013 Jan; 20(1):24.

Application: IHC-P, Human, Human liver

- [Akt phosphorylation of La regulates specific mRNA translation in glial progenitors.](#)

Brenet F, Socci ND, Sonenberg N, Holland EC.

Oncogene 2009 Jan; 28(1):128.

Application: WB, Human, Glial progenitors

Pathway

- [Systemic lupus erythematosus](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)