

Datasheet

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

Catalog Number: H00006741-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant SSB.

Clone Name: 1D6-H5

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:

MAENGDNEKMAALEAKICHQIEYYFGDFNLPRDKFLK
EQIKLDEGWVPLEIMIKFNRLNRLTTDFNVIVEALSKSK
AELMEISEDKTKIRRSKPLPEVTDDEYKNDVKNRSVYI
KGFPTDATALDDIKEWLEDKGGVLNQMRRRLHKAFKG
SIFVVFDSIESAKKFVETPGQKYKEDLLILFKDDYFAK
KNEERKQNKVEAKLRAKQEQAQKLEEDAEMKSLE
EKIGCLLKFSGLDDQTCREDLHILFSNHGEIKWIDFVR
GAKEGIILFKEKAKEALGKAKDANNGNLQLRNKEVTWE
VLEGEVEKEALKKIIEDQQESLNKWKSGRRFKGKGGK
GNKAAQPGSGKGVQFQGGKTKFASDDEHDEHDEN
GATGPVKRAREETDKEEPASKQQKTENGAGDQ

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6741

Gene Symbol: SSB

Gene Alias: LARP3, La

Gene Summary: La is involved in diverse aspects of RNA metabolism, including binding and protecting 3-prime UUU(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 autoantibodies from patients with Sjogren syndrome (MIM 270150) and systemic lupus erythematosus (SLE; MIM 152700) (Teplova et al., 2006 [PubMed 16387655]).[supplied by OMIM]

References:

1. Phosphorylation of human La protein at Ser366 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, 2012 doi:10.1111/j.1365-2893.2012.01636.x
2. Akt phosphorylation of La regulates specific mRNA translation in glial progenitors. Brenet F, Socci ND, Sonenberg N, Holland EC. Oncogene. 2009 Jan 8;28(1):128-39. Epub 2008 Oct 6.