

Datasheet

TARDBP monoclonal antibody (M02), clone 1B4-B1

Catalog Number: H00023435-M02

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant TARDBP.

Clone Name: 1B4-B1

Immunogen: TARDBP (NP_031401.1, 1 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

```
MSEYIRVTEDEENDEPIEIPSEDDGTVLLSTVTAQFPGA  
CGLRYRNPVSQCMRGVRLVEGILHAPDAGWGNLVVYV  
VNYPKDNKRKMDDETDAASAVKVKRAVQKTSIDLIVLGL  
PWKTTEQDLKEYFSTFGVLMVQVKKDLKTGHSKGF  
GFVRFTEYETQVKVMSQRHMIDGRWCDCPLNSKQS  
QDEPLRSRKVFGVGRCTEDMTEDELREFFSQYGDVMD  
VFIPKPFRAFAFVTFADDQIAQSLCGEDLIKGISVHISN  
A
```

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, 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: 23435

Gene Symbol: TARDBP

Gene Alias: ALS10, TDP-43

Gene Summary: HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq]