

Product datasheet for **TA700587**

TDP43 (TARDBP) Biotinylated Mouse Monoclonal Detection Antibody (Biotin conjugated) [Clone ID: OTIID1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIID1
Applications:	ELISA
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Recombinant protein fragment
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5mg/ml
Purification:	Purified from mouse ascites fluids by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Predicted Protein Size:	45 kDa
Gene Name:	TAR DNA binding protein
Database Link:	NP_031401 Entrez Gene 230908 Mouse Entrez Gene 23435 Human Q13148



Background:

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.

Synonyms:

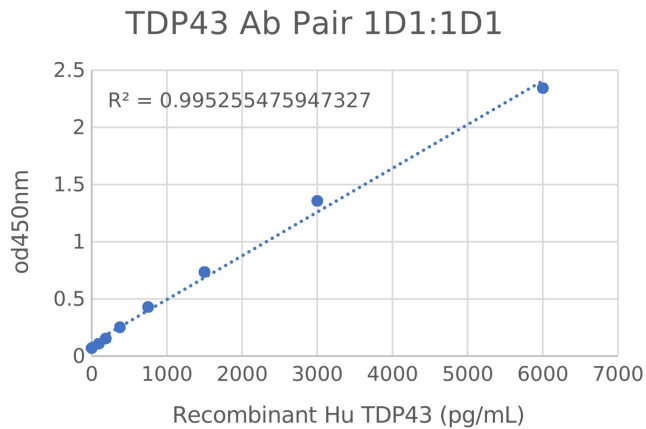
ALS10; TDP-43

Matched ELISA Pair:

TA600587

Protein Families:

Transcription Factors

Product images:

TDP43 ELISA with 1D1 Capture ([TA600587]) and 1D1 Detection (TA700587) Antibodies. Target protein used: Human TDP43(Sf9 cells expressed protein Cat# [TP710010])