

### 32-6227: Mouse Anti Human TAR DNA-binding protein 43(Clone:Pk1B8AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	Pk1B8AT.
<b>Application :</b>	ELISA,WB,IHC
<b>Gene :</b>	TARDBP
<b>Gene ID :</b>	23435
<b>Uniprot ID :</b>	Q13148
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TAR DNA-binding protein 43,TDP-43,TARDBP,TDP43,ALS10.
<b>Isotype :</b>	Mouse IgG1 heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human TARDBP mAb, is derived from hybridization of mouse FO myeloma cells with spleen cells from BALB/c mice immunized with recombinant human TARDBP amino acids 1-260 purified from E. coli.

#### Description

HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome which 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. TARDBP is a transcriptional repressor which binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, TARDBP regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	TARDBP antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

TARDBP antibody has been tested by ELISA, Western blot and immunohistochemistry analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot is 1:1,000~1:2,000 and immunohistochemistry analysis is 1:50~100. Recommended starting dilution for Western blot is 1:1,000 and Immunohistochemistry is 1:50.