# Product Data Sheet
# TARDBP Mouse Monoclonal Antibody

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| **Product name:** | TARDBP Mouse Monoclonal Antibody |
| **Cat number:** | MABN81511 |
| **Conjugate:** | Unconjugated |
| **Size:** | 100ul |
| **Concentration:** | 1mg/ml |
| **Host:** | Mouse |
| **Isotype:** | Mouse IgG1 |
| **Immunogen:** | Purified recombinant fragment of human TARDBP (AA: 126-260) expressed in E. Coli. |
| **Reactivity:** | Human |
| **Applications:** | ELISA 1:5000-1:20000,FC 1:200-1:400 |
| **Molecular Weight:** | 7kDa |
| **Purification:** | Affinity purification |
| **Form:** | liquid |
| **Buffer:** | Purified antibody in PBS with 0.05% sodium azide |
| **Storage:** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Synonyms:** | ALS10; TDP-43 |
| **Source:** | Mouse |
| **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. |

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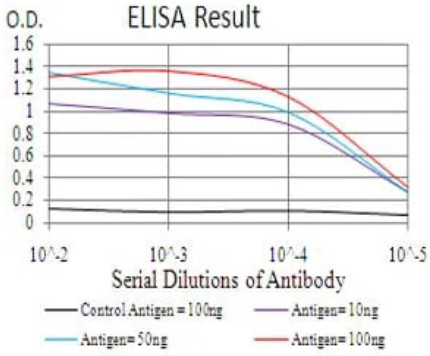
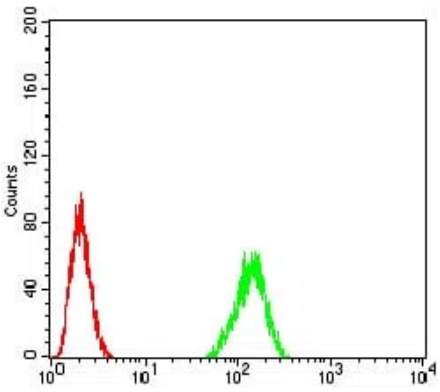
**IMMUNOLOGICAL SCIENCES**

**Web-site: https://immunologicalsciences.com - E-mail: info@immunologicalsciences.com**




Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);




Flow cytometric analysis of Hela cells using TARDBP mouse mAb (green) and negative control (red).