

### [ Primary Antibody ]

## TARDBP Recombinant Rabbit mAb



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## — DATASHEET

**Host:** Rabbit

**Clonality:** Recombinant

**GeneID:** 23435

**Target:** TARDBP

**Immunogen:** A synthesized peptide derived from human TDP43: 1-61.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** PBS, Glycerol, BSA.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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. [provided by RefSeq, Jul 2008]

**Isotype:** IgG

**CloneNo.:** 13H1

**SWISS:** 013148

**Applications: WB** (1:500-2000)

**IHC-P** (1:100-500)

**IHC-F (1:100-500)**

**IF (1:100-500)**

**Flow-Cyt** (1ug/Test)

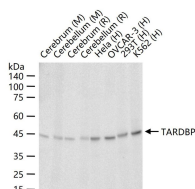
**ICC/IF (1:50-200)**

**Reactivity:** Human, Mouse, Rat

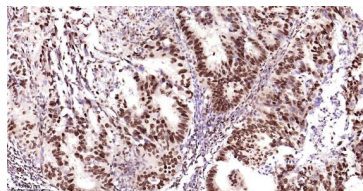
**Predicted**  
**MW.:** 45 kDa

**Subcellular Location:** Nucleus

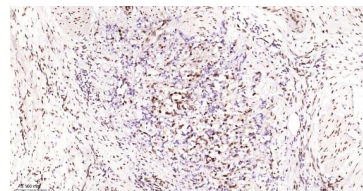
## — VALIDATION IMAGES



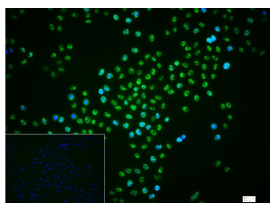
25 ug total protein per lane of various lysates (see on figure) probed with TARDBP monoclonal antibody, unconjugated (bsm-60837R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



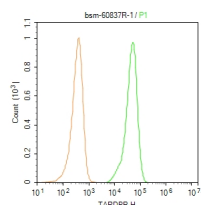
Paraformaldehyde-fixed, paraffin embedded Human Endometrial Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation TARDBP Monoclonal Antibody, unconjugated (bsm-60837R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Prostate Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation TARDBP Monoclonal Antibody, Unconjugated (bsm-60837R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed Hela (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (TARDBP) monoclonal Antibody, unconjugated (bsm-60837R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-FITC) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The Hela (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r.t.). Primary Antibody (green): Rabbit Anti-TARDBP antibody (bsm-60837R): 1  $\mu$ g/10<sup>6</sup> cells; Secondary Antibody: Goat anti-Rabbit IgG-FITC (bs-40295G-FITC): 1  $\mu$ g/test. Isotype Control

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

(orange): Rabbit IgG (bs-0295P). Acquisition of 20,000 events was performed.