

## Product datasheet for **TA811981S**

### ETS1 associated protein II (TDP2) Mouse Monoclonal Antibody [Clone ID: OTI3G10]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3G10
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TDP2 (NP_057698) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40.7 kDa
Gene Name:	tyrosyl-DNA phosphodiesterase 2
Database Link:	<a href="#">NP_057698</a> <a href="#">Entrez Gene 51567 Human</a> <a href="#">O95551</a>
Background:	This gene encodes a member of a superfamily of divalent cation-dependent phosphodiesterases. The encoded protein associates with CD40, tumor necrosis factor (TNF) receptor-75 and TNF receptor associated factors (TRAFs), and inhibits nuclear factor-kappa-B activation. This protein has sequence and structural similarities with APE1 endonuclease, which is involved in both DNA repair and the activation of transcription factors. [provided by RefSeq, Jul 2008]

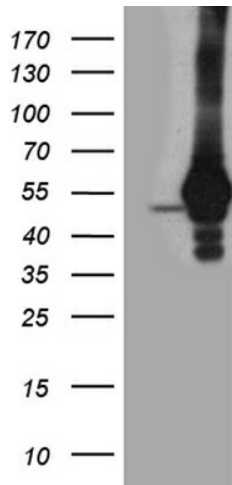


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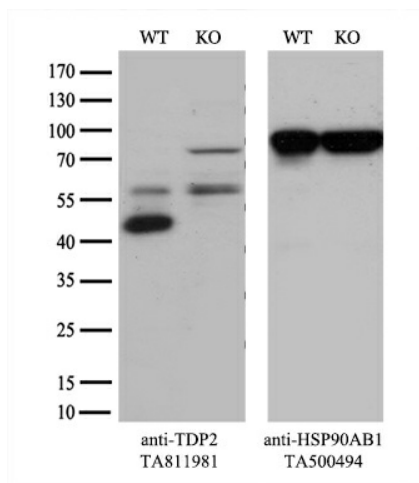
**Synonyms:** AD022; dj30M3.3; EAP2; EAPII; hTDP2; TTRAP

**Protein Families:** Druggable Genome, Stem cell - Pluripotency, Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY TDP2 (Cat# [RC202015], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TDP2 antibody (Cat# [TA811981]). Positive lysates [LY413867] (100ug) and [LC413867] (20ug) can be purchased separately from OriGene.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT, Cat# LC810HELA) and TDP2-Knockout HeLa cells (KO, Cat# [LC833387]) were separated by SDS-PAGE and immunoblotted with anti-TDP2 monoclonal antibody [TA811981] (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.