

## Product datasheet for **TA507261**

### TXNDC5 Mouse Monoclonal Antibody [Clone ID: OT11C1]

#### Product data:

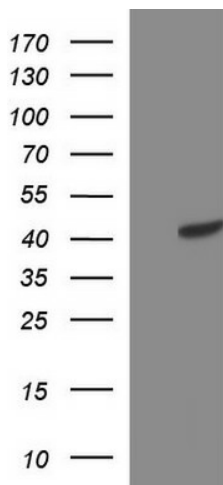
Product Type:	Primary Antibodies
Clone Name:	OT11C1
Applications:	WB
Recommended Dilution:	WB 1:400~4000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human TXNDC5(NP_071368) produced in HEK293T cell.
Formulation:	PBS (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:	43.5 kDa
Gene Name:	thioredoxin domain containing 5
Database Link:	<a href="#">NP_071368</a> <a href="#">Entrez Gene 105245 Mouse</a> <a href="#">Entrez Gene 81567 Human</a> <a href="#">Q8NBS9</a>
Background:	This gene encodes a protein-disulfide isomerase. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream MUTED (muted homolog) gene. [provided by RefSeq, Dec 2010]
Synonyms:	ERP46, Hcc-2, UNQ364, EndoPDI, MGC3178; thioredoxin domain containing 5



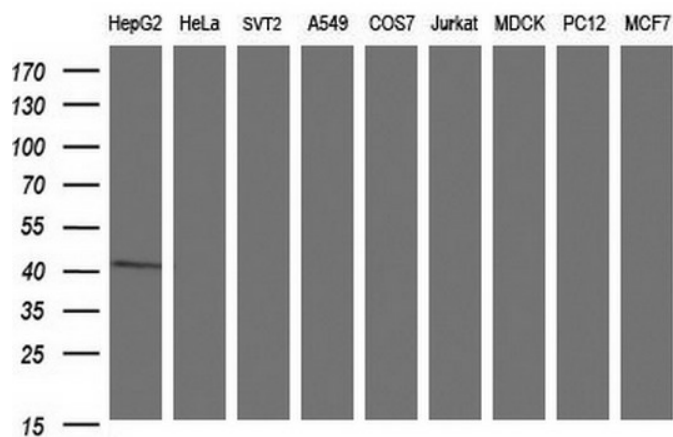
[View online »](#)

Protein Families: Druggable Genome

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TXNDC5 ([RC208568], 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-TXNDC5.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-TXNDC5 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).