

Product datasheet for **TA507257M**

TXNDC5 Mouse Monoclonal Antibody [Clone ID: OTI1D4]

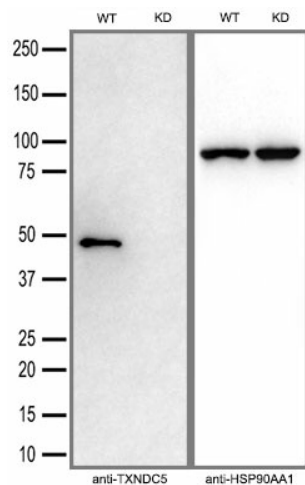
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI1D4 |
| Applications: | WB |
| Recommended Dilution: | WB 1:400~4000 |
| Reactivity: | Human, Monkey, 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: | NP_071368 Entrez Gene 105245 Mouse Entrez Gene 695213 Monkey Entrez Gene 81567 Human Q8NBS9 |
| 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 |

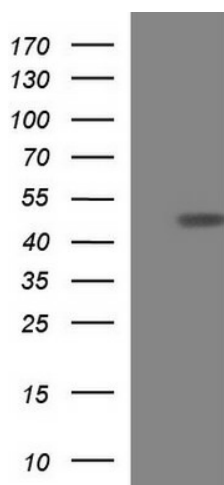

[View online »](#)

Protein Families: Druggable Genome

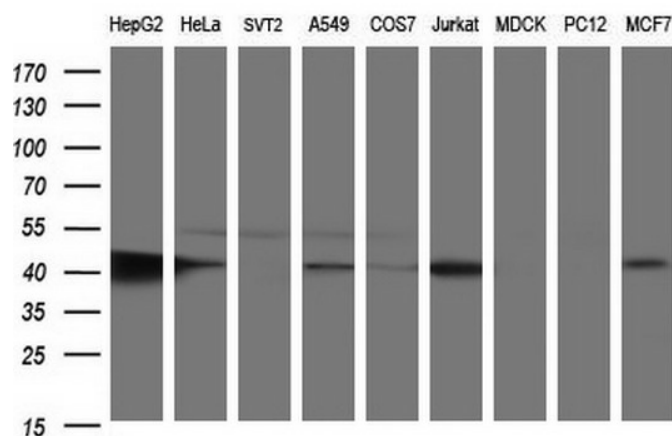
Product images:



Equivalent amounts of cell lysates (30 ug per lane) of wild-type HAP-1 cells (WT) and TXNDC5-Knockdown HAP-1 cells (KD) were separated by SDS-PAGE and immunoblotted with anti-TXNDC5 monoclonal antibody [TA507257] (1:5000). Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.



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).