

Product datasheet for TA507262

TXNDC5 Mouse Monoclonal Antibody [Clone ID: OT11C3]

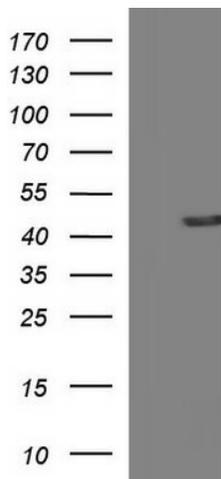
Product data:

Product Type:	Primary Antibodies
Clone Name:	OT11C3
Applications:	IHC, WB
Recommend Dilution:	WB 1:400~4000, IHC 1:150
Reactivity:	Human, Monkey, Mouse
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)
Predicted Protein Size:	43.5 kDa
Gene Name:	thioredoxin domain containing 5
Database Link:	NP_071368 Entrez Gene 105245 MouseEntrez Gene 695213 MonkeyEntrez Gene 81567 Human
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:	EndoPDI; ERP46; Hcc-2; MGC3178; thioredoxin domain containing 5; UNQ364
Protein Families:	Druggable Genome

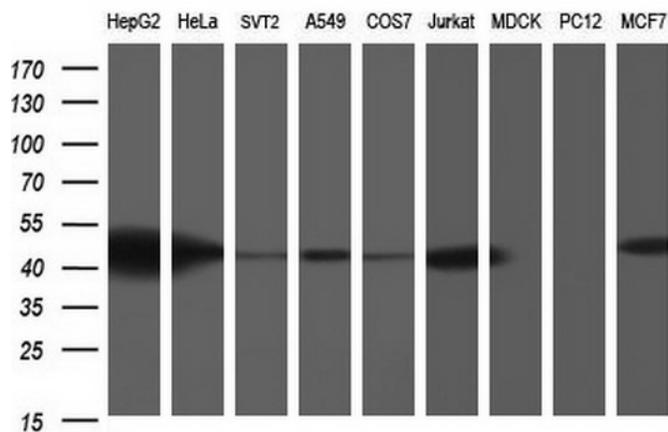


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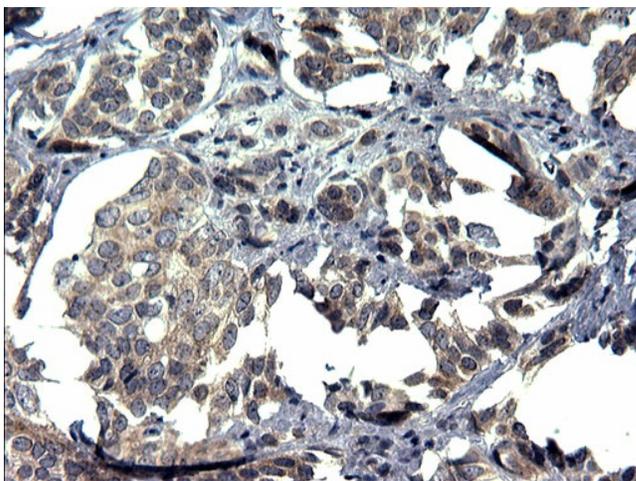
Product images:



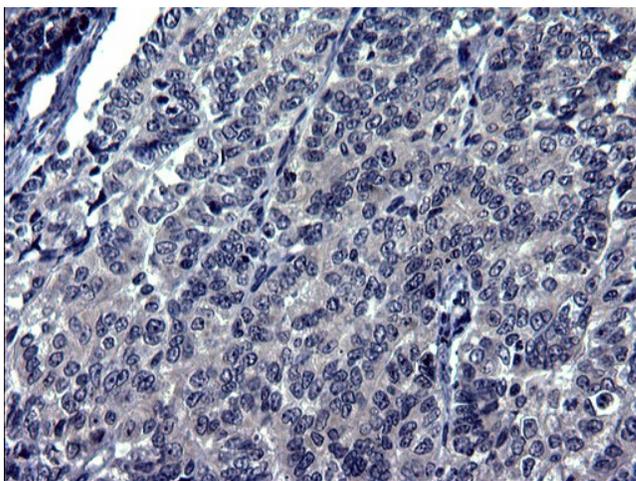
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TXNDC5 ([RC208568], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TXNDC5.



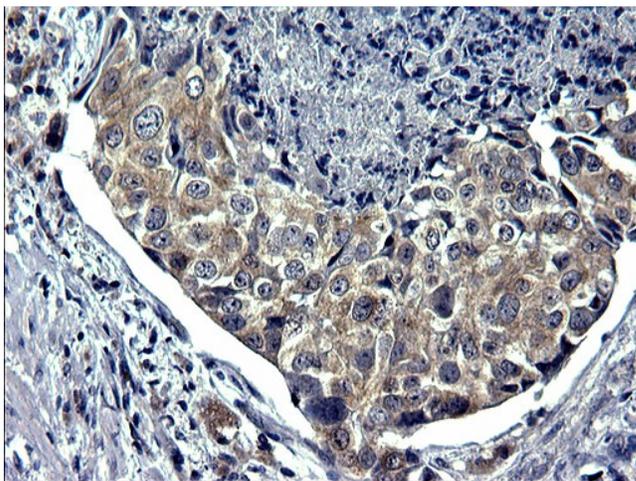
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-TXNDC5 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-TXNDC5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA507262)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-TXNDC5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA507262)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-TXNDC5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, TA507262)