

Product datasheet for **TA326409**

TXNDC5 Mouse Monoclonal Antibody [Clone ID: 2E7/7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2E7/7
Recommended Dilution:	WB: 1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Synthesized peptide - 12 amino acids long (ADGEDGQDPHSK) corresponding to residues 52 - 63 of the EndoPDI protein
Formulation:	PBS pH7.4, 50% glycerol and 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	thioredoxin domain containing 5
Database Link:	NP_071368 Entrez Gene 81567 Human Q8NBS9
Background:	Endothelial protein disulfide isomerase (EndoPDI) is a thioredoxin member of the protein disulfide isomerase family of chaperones. This enzyme has been localized to the endoplasmic reticulum in primary endothelial cells, but colocalizes with nucleoli in the nuclei of breast, colon, and renal cancer cells. EndoPDI mRNA and protein expression is induced by hypoxia and exhibits a protective effect on endothelial cells during hypoxia .
Synonyms:	EndoPDI; ERP46; Hcc-2; MGC3178; thioredoxin domain containing 5; UNQ364
Note:	Detects a protein with a mass of ~48kDa corresponding to EndoPDI
Protein Families:	Druggable Genome



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