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TXNDC9 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant TXNDC9.
Catalog # AT4418a

Specification

TXNDC9 Antibody (monoclonal) (M02) - Product Information

Application	**IF, WB, E**
Primary Accession	O14530
Other Accession	BC005968
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b kappa**
Calculated MW	**26534**

TXNDC9 Antibody (monoclonal) (M02) - Additional Information

Gene ID 10190

Other Names
Thioredoxin domain-containing protein 9, ATP-binding protein associated with cell differentiation, Protein 1-4, TXNDC9, APACD

Target/Specificity
TXNDC9 (AAH05968, 1 a.a. ~ 226 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
TXNDC9 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

TXNDC9 Antibody (monoclonal) (M02) - Protocols

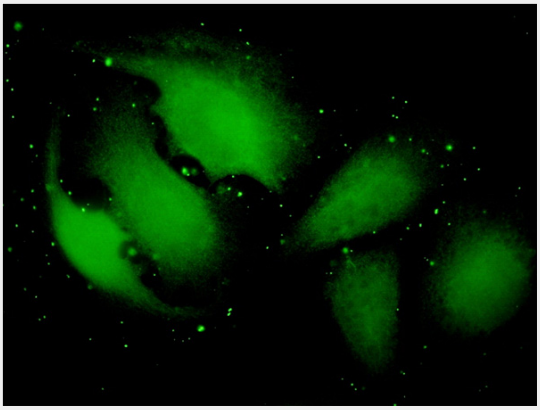
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

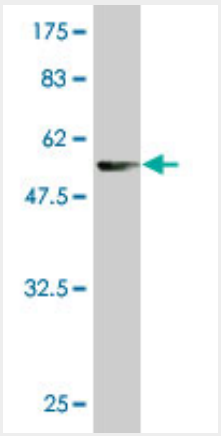
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

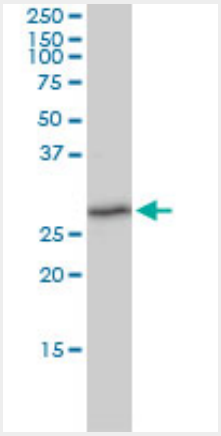
TXNDC9 Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to TXNDC9 on HeLa cell. [antibody concentration 50 ug/ml]



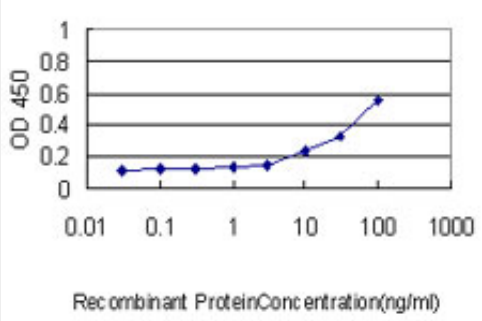
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (50.6 KDa) .



TXNDC9 monoclonal antibody (M02), clone 1E8-7C12 Western Blot analysis of TXNDC9

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expression in K-562 ((Cat # AT4418a)



Detection limit for recombinant GST tagged TXNDC9 is approximately 0.3ng/ml as a capture antibody.

TXNDC9 Antibody (monoclonal) (M02) - Background

The protein encoded by this gene is a member of the thioredoxin family. The exact function of this protein is not known but it is associated with cell differentiation.

TXNDC9 Antibody (monoclonal) (M02) - References

PhLP3 modulates CCT-mediated actin and tubulin folding via ternary complexes with substrates. Stirling PC, et al. J Biol Chem, 2006 Mar 17. PMID 16415341.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.Generation and annotation of the DNA sequences of human chromosomes 2 and 4. Hillier LW, et al. Nature, 2005 Apr 7. PMID 15815621.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.An evolutionarily conserved gene required for proper microtubule architecture in Caenorhabditis elegans. Ogawa S, et al. Genes Cells, 2004 Feb. PMID 15009089.