

DATASHEET

TXNRD2 Mouse Monoclonal Antibody(C3341)

CAT. NO. AMA02953

KEY FEATURES

Target	TXNRD2	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.	Storage	at-20°C

BACKGROUND

Involved in the control of reactive oxygen species levels and the regulation of mitochondrial redox homeostasis . Maintains thioredoxin in a reduced state. May play a role in redox-regulated cell signaling.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

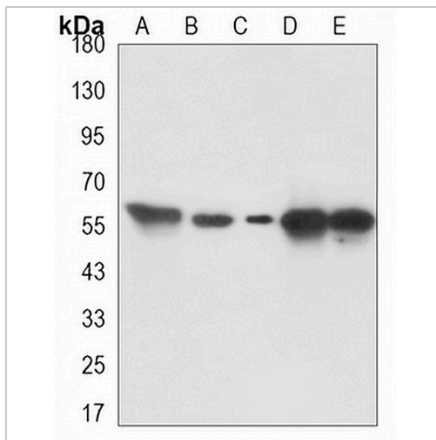
Description	Mouse monoclonal antibody to TXNRD2
Specificity	Recognizes endogenous levels of TXNRD2 protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant human TXNRD2 protein fragments expressed in E.coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 57 kD; Observed: 57 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	KIAA1652; TRXR2; Thioredoxin reductase 2 mitochondrial; Selenoprotein Z; SelZ; TR-beta; Thioredoxin reductase TR3
Gene Symbol	TXNRD2
Entrez Gene	10587(Human)
SwissProt	Q9NNW7(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of TXNRD2 expression in A431 (A), U251 (B), U2OS (C), Lncap (D), Hela (E) whole cell lysates. (Predicted band size: 57 kD; Observed band size: 57 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.