

Product overview

product name	Anti Trx tag mouse monoclonal antibody(HRP)
catalog No.	ATMA10048Mo
Category	Primary antibody
Host	Mouse
Species specificity	Recognizes Trx tagged fusion proteins.
Tested applications	WB
Clonality	Monoclonal
Clone No.	2D4-H6
Conjugation	HRP
Immunogen	Reombinant protein of Thioredoxin (Trx).
Alternative Names	Trx-1, trxA, SF3854, S3905
Uniprot ID	/

Product performance

Form	Liquid
Buffer	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
Concentration	0.5mg/ml
Isotype	IgG1
MW	/
Purity	Protein G purification

Dilution range

WB: 1:8000-1:16000

Product background

TRX belongs to the thioredoxin family. It participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions. Nitrosylates the active site Cys of CASP3 in



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response to nitric oxide (NO), and thereby inhibits caspase-3 activity. Participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions.

