Mouse anti-Human Thioredoxin (Trx) Monoclonal Antibody | anti-Trx antibody

Monoclonal Antibody to Thioredoxin (Trx)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162119	**Mouse**	**Human**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

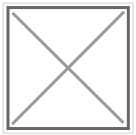
PRODUCT SYNONYMS

Thioredoxin (Trx); Monoclonal Antibody; Monoclonal Antibody to Thioredoxin (Trx); Thioredoxin; TXN; ADF; SASP; TRDX; TRX1; ATL-derived factor; Surface-associated sulphydryl protein; anti-Trx antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	C5
Specificity	The antibody is a mouse monoclonal antibody raised against Trx. It has been selected for its ability to recognize Trx in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence	Met1~Val10 5
Applicable Applications for anti-Trx antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Conjugation	Unconjugated
Research Area	Metabolic pathway, Developmental science
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)
Western Blot; Samples: Lane1: MCF7 cell lysate; Lane2: Hela cell lysate; Lane3: HepG2 cell lysate; Lane4: A549 cell lysate;Primary Ab: 0.4ug/ml Mouse Anti-Human Trx AntibodySecond Ab: 0.2ug/ml HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody. AF488 staining on IF;Sample: MCF7 cellPrimary Ab: 20ug/ml Mouse Anti-Human Trx AntibodySecond Ab: 2ug/ml AF488-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-Trx antibody	Monoclonal Antibodies (Primary Abs)

NCBI AND UNIPROT INFORMATION

NCBI GI #	349732256
NCBI GeneID	7295
NCBI Accession #	NP_001231867.1
NCBI GenBank Nucleotide #	NM_001244938.1
UniProt Accession #	P10599; O60744; Q53X69; Q96KI3; Q9UDG5; B1ALW1
Molecular Weight	105
NCBI Official Full Name	thioredoxin isoform 2
NCBI Official Synonym Full Names	thioredoxin
NCBI Official Symbol	TXN
NCBI Official Synonym Symbols	TRX; TRDX; TRX1
NCBI Protein Information	thioredoxin; ADF; SASP; TXN delta 3; ATL-derived factor; thioredoxin delta 3; surface-associated sulphydryl protein
UniProt Protein Name	Thioredoxin
UniProt Gene Name	**TXN**
UniProt Synonym Gene Names	TRDX; TRX; TRX1; Trx; ADF; SASP
UniProt Entry Name	THIO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/thioredoxin-trx-antibody-clone-c5-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/162119