

Recombinant

DGRmAb®

Thioredoxin 2 (DGR18772) Rabbit mAb

db12022

Package : 10µL 20µL 50µL 100µL

Product Name : Thioredoxin 2 (DGR18772) Rabbit mAb**Cat.No.:** db12022**Synonyms** : TXN; MTRX; TRX2; MT-TRX; COXPD29**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit

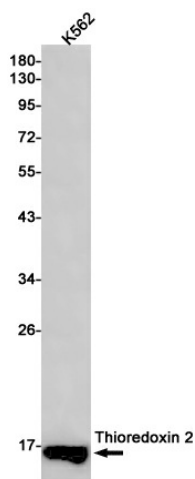
Background	This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human Thioredoxin 2
Gene ID	25828
Swiss Prot	Q99757
Synonyms	TXN; MTRX; TRX2; MT-TRX; COXPD29
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:200-1:500 ICC/IF: 1:100-1:200 FC: 1:100
Calculated MW	18 kDa
Observed MW	13 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR18772
Isotype	IgG
Purity	Affinity Purification

Conjugation

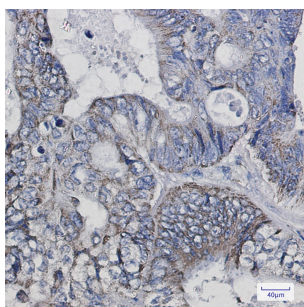
Un-conjugated

Storage Stability

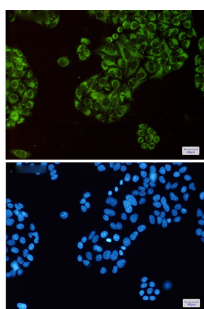
Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Thioredoxin 2 in K562 cell lysates using Thioredoxin 2 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db12022 antibody.



Immunofluorescent analysis of HeLa cells using db12022 antibody (green), and DAPI (blue).