

## THIOREDOXIN 2 RABBIT MAB

**Cat.#:** N262991

**Product Name:** Anti-Thioredoxin 2 Rabbit Monoclonal Antibody

**Synonyms:** TXN; MTRX; TRX2; MT-TRX; COXPD29

**UNIPROT ID:** Q99757

**Background:** Thioredoxins (Trx) are small, multi-functional proteins with oxidoreductase activity and are ubiquitous in essentially all living cells. Trx contains a redox-active disulfide/dithiol group within the conserved Cys-Gly-Pro-Cys active site.

**Immunogen:** A synthetic peptide of human Thioredoxin 2

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R01-7C7

**MW:** Calculated MW: 18 kDa; Observed MW: 13 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

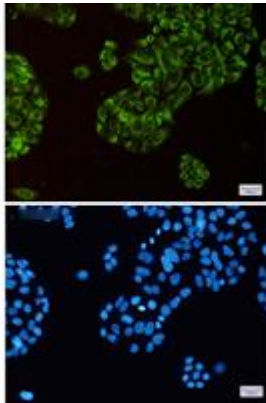
**Conjugation:** Unconjugated

**Modification:** Unmodified

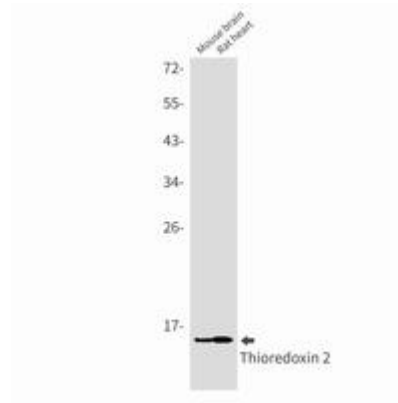
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



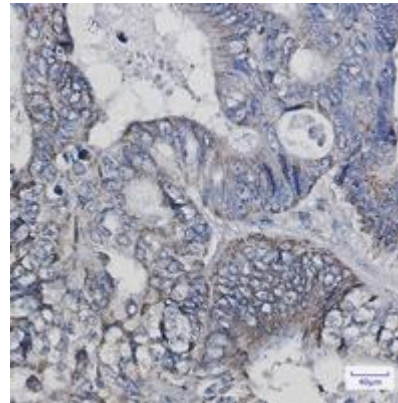
Immunocytochemistry analysis of Thioredoxin 2 (green) in Hela using Thioredoxin 2 antibody, and DAPI (blue)



Western blot analysis of Thioredoxin 2 in mouse brain, rat heart lysates using Thioredoxin 2 antibody.



Western blot analysis of Thioredoxin 2 in K562 lysates using Thioredoxin 2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Thioredoxin 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.