

# KD-Validated Anti-TXNDC5 Mouse Monoclonal Antibody



**Catalog #: 61260**

## Aliases

TXNDC5; Thioredoxin Domain Containing 5; ERp46; EndoPDI; PDIA15; Hsc-2; Protein Disulfide Isomerase Family A, Member 15; Endoplasmic Reticulum Resident Protein 46; Thioredoxin Domain-Containing Protein 5; Thioredoxin-Like Protein P46; ER Protein 46; FLJ21353; FLJ90810; MGC3178; Thioredoxin Domain Containing 5 (Endoplasmic Reticulum); Epididymis Secretory Sperm Binding Protein; Endothelial Protein Disulphide Isomerase; Endoplasmic Reticulum Protein ERp46; Thioredoxin Related Protein; EC 1.8.4.-; EC 5.3.4.1; UNQ364; STRF8; TLP46; HCC2

## Background

Gene Name: TXNDC5

NCBI Gene Entry: [81567](#)

UniProt Entry: [Q8NBS9](#)

## Application Information

Molecular Weight: Predicted, 48 kDa, observed, 48 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB510

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM)

## Immunogen

Recombinant protein of human TXNDC5

## Isotype

Mouse IgG1

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:2,500-1:5,000

Flow Cytometry (FCM): 1:2,000

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### SUPPORT

SUPPORT@GENUINBIOTECH.COM  
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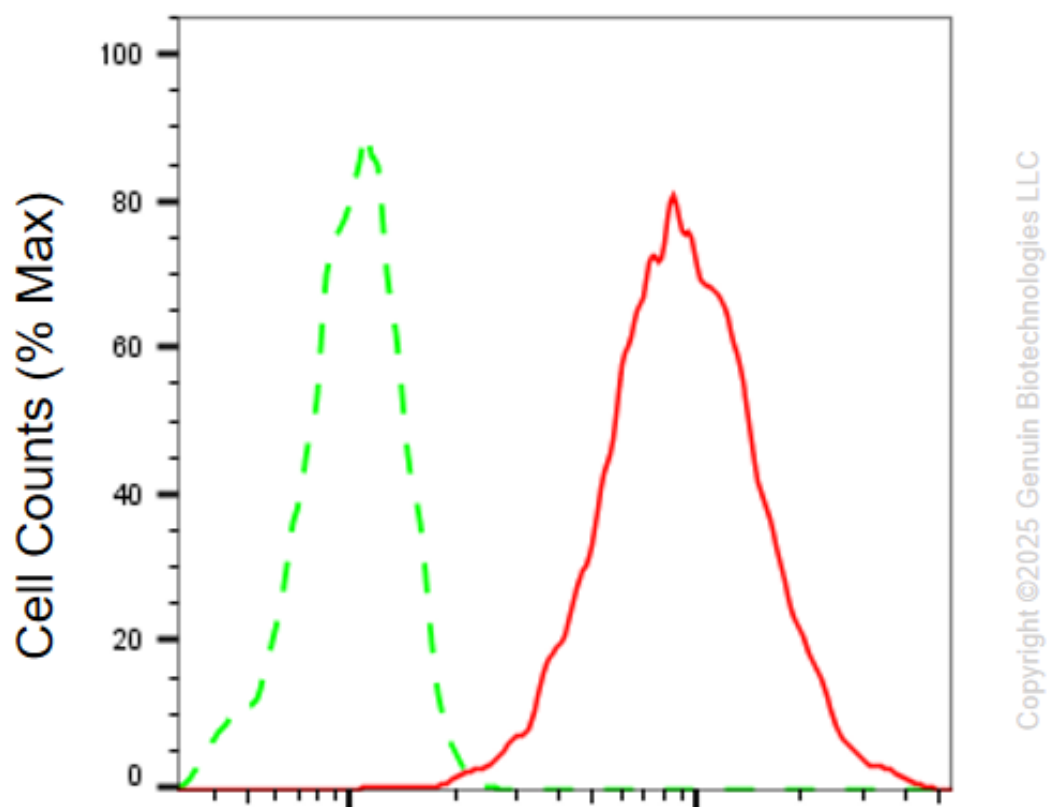
### ORDERS

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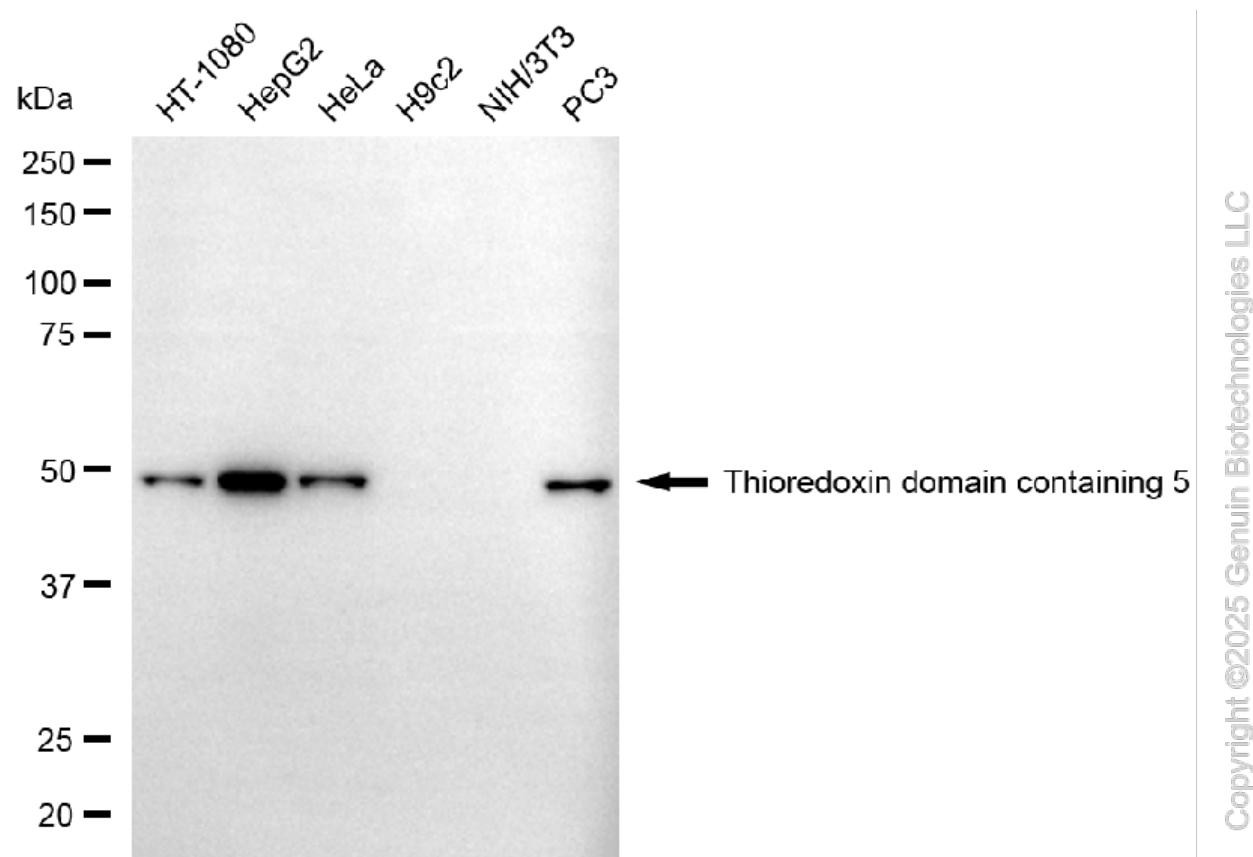
**Note:** This product is for research use only.

## Validation Data

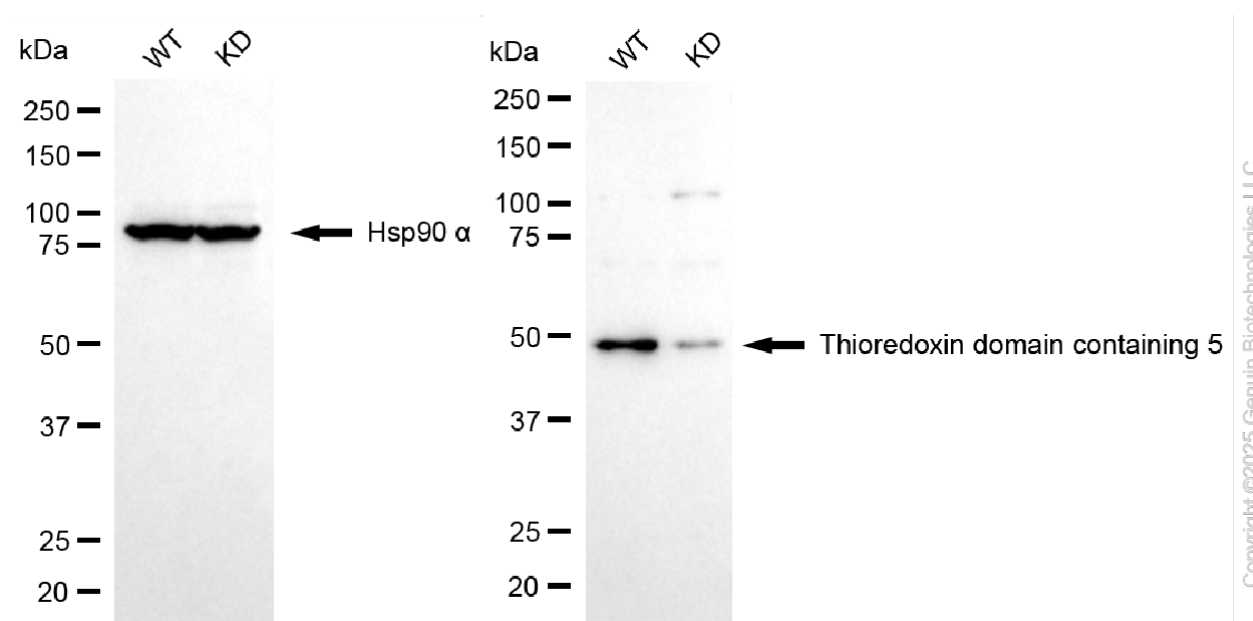


### Thioredoxin domain containing 5-Alexa Fluor® 647

Flow cytometric analysis of Thioredoxin domain containing 5 expression in HepG2 cells using anti-Thioredoxin domain containing 5 antibody (Cat# 61260, 1:2,000). Green, isotype control; red, Thioredoxin domain containing 5.



Western blotting analysis using anti-thioredoxin domain containing 5 antibody (Cat#61260). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-thioredoxin domain containing 5 antibody (Cat#61260, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



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Western blotting analysis using anti-thioredoxin domain containing 5 antibody (Cat#61260). Thioredoxin domain containing 5 expression in wild type (WT) and thioredoxin domain containing 5 (TXNDC5) knockdown (KD) HSHC cells with 30 µg of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-thioredoxin domain containing 5 antibody (Cat#61260, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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