

À des fins de recherche uniquement

# Anticorps Monoclonal anti-TXNRD1

Numéro de catalogue: CL488-67728



## Informations de base

Numéro de catalogue: CL488-67728	Numéro d'acquisition GenBank: BC018122	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 7296	CloneNo.: 1B10C4
Hôte: Mouse	Nom complet: thioredoxin reductase 1	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé: 55 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG30071	MW observés: 50-70 kDa	

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HeLa,
Spécificité de l'espèce: Humain, rat, souris	

## Informations générales

Thioredoxin reductase-1 (TXNRD1) is uniquely capable of utilizing electrons from NADPH to recover the reduced state of TRX1. Interestingly, TXNRD1 is upregulated in many human malignancies and promotes cancer progression, and attenuation of TXNRD1 levels effectively suppresses the growth of tumor cells (PMID: 31384178). TXNRD1 is also upregulated in many human malignancies and functions as a prognostic factor for many tumors, such as oral squamous cell carcinomas, lung cancer, breast cancer, and astrocytomas. TXNRD1 protein levels were analyzed by immunoblotting. Bands of ~55 kDa for TXNRD1 were observed. IHC analysis suggested TXNRD1 was mainly located in the cytoplasm. (PMID: 28536696, PMID: 20584310)

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

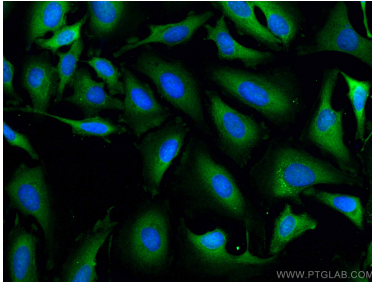
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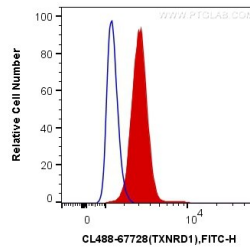
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## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 TXNRD1 antibody (CL488-67728, Clone: 1B10C4) at dilution of 1:200.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.4  $\mu$ g CoraLite® Plus 488 Anti-Human TXNRD1 (CL488-67728, Clone:1B10C4) (red), or 0.4  $\mu$ g Mouse IgG1 Isotype Control (CL488-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).