

# Anti-TXNRD1 antibody



Catalog Number: 100535

## Product name

Anti-TXNRD1 antibody

## Immunogen

[Human TXNRD1 \(aa 161-647, His Tag\) recombinant protein](#)

## Specificity

Human TXNRD1

## Antibody description

Mouse monoclonal to TXNRD1

## Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human TXNRD1 (rh TXNRD1; Q16881-1; Tyr161-Cys647). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

## Formulation

0.2  $\mu$ m filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Monoclonal

## Ig Type

Mouse IgG1

## Applications

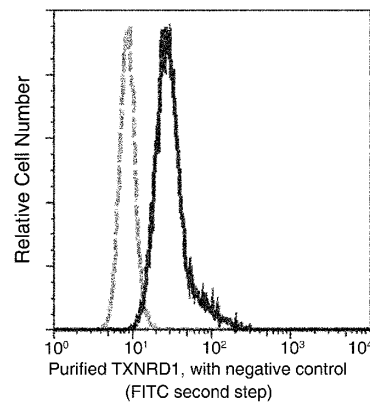
FCM, IF, ICC/IF

## Dilutions

FCM: 0.5-2  $\mu$ g/Test

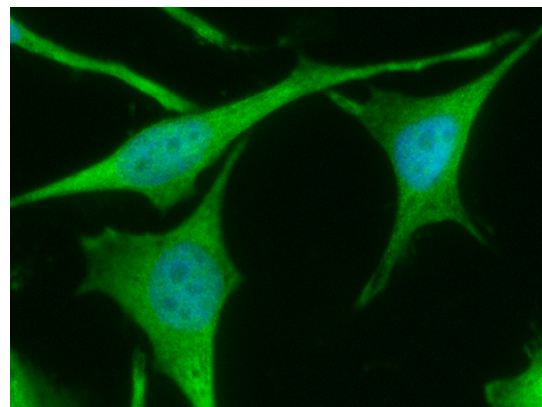
ICC/IF: 10-25  $\mu$ g/mL

## Validations



## TXNRD1 Antibody, Mouse MAb

Flow cytometric analysis of Human TXNRD1 expression on HeLa cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human C1QBP, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



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TXNRD1 Antibody, Mouse MAb,  
Immunofluorescence

Immunofluorescence staining of Human TXNRD1 in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with

mouse anti-Human TXNRD1 monoclonal antibody (15 µg/ml) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm and nucleus.