

# KD-Validated Anti-TSNAX Mouse Monoclonal Antibody



**Catalog #: 65087**

## Aliases

TSNAX; Translin Associated Factor X; TRAX; C3PO; Translin-Associated Protein X; Translin-Associated Factor X; Translin-Like Protein

## Background

Gene Name: TSNAX

NCBI Gene Entry: [7257](#)

UniProt Entry: [Q99598](#)

## Application Information

Molecular Weight: Predicted, 33 kDa; observed, 33 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB14250

Species Reactivity: Human, rat

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

## Immunogen

Recombinant protein of human TSNAX

## 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): 1:400-1:2,000

Flow Cytometry (FCM): 1:1,000

Immunocytochemistry (IC): 1:100-1:1,000

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

## Validation Data

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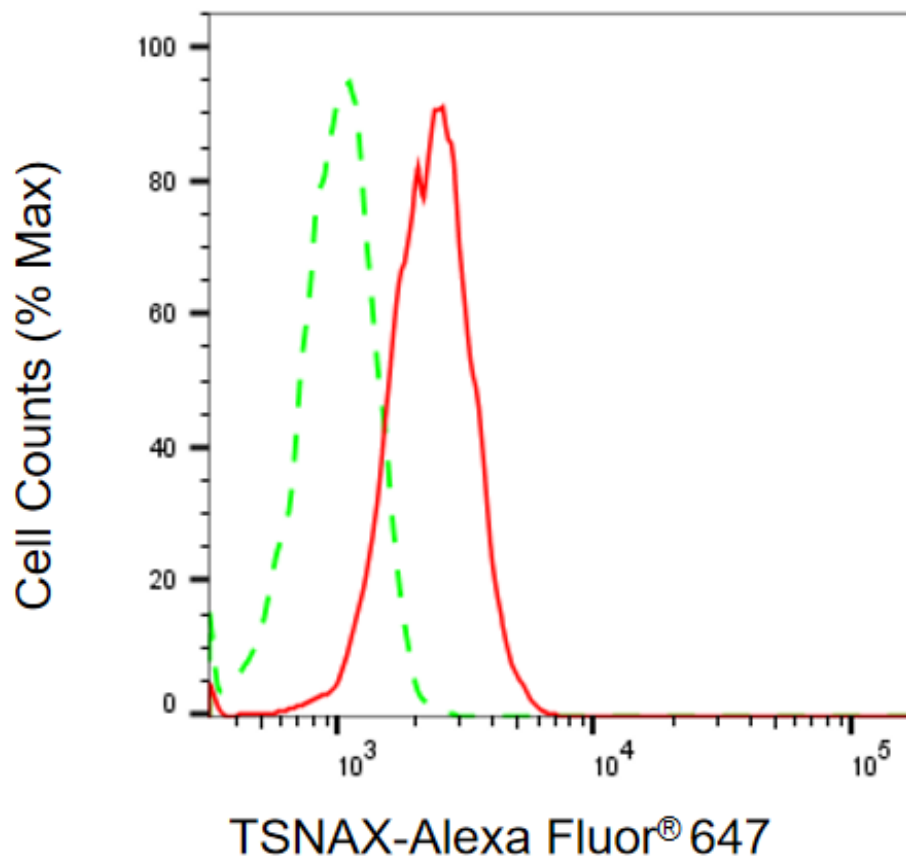
### SUPPORT

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### ORDERS

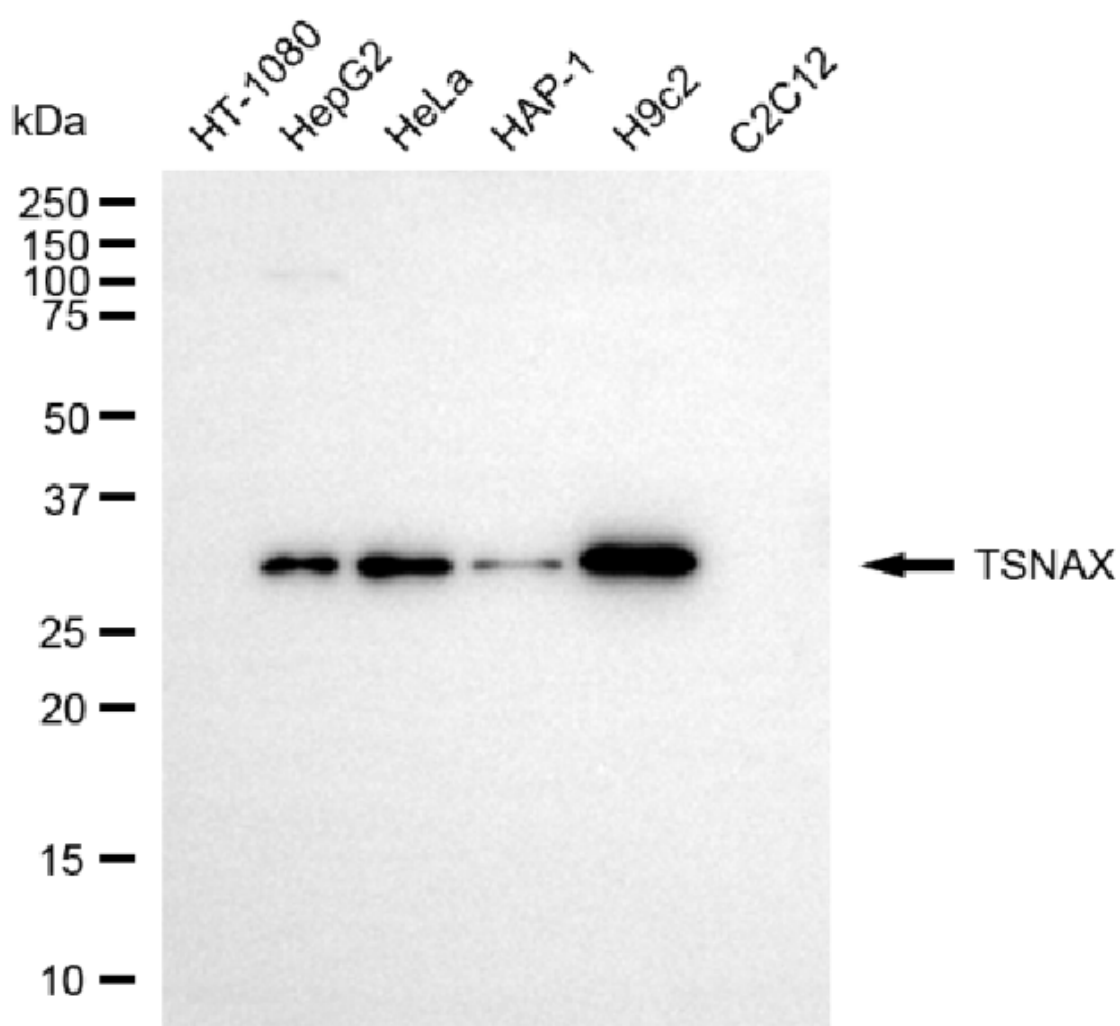
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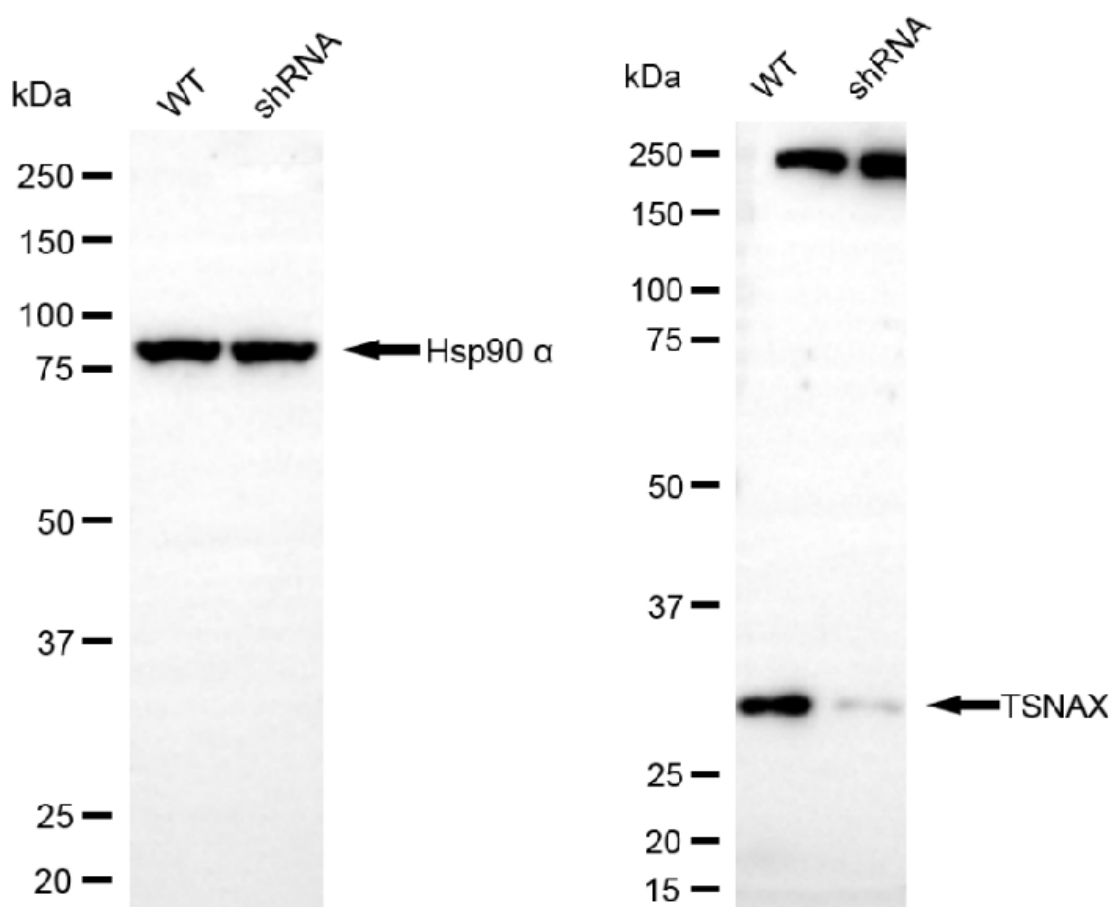
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Flow cytometric analysis of TSNAX expression in HeLa cells using anti-TSNAX antibody (Cat#65087, 1:1,000) . Green, isotype control; red, TSNAX.

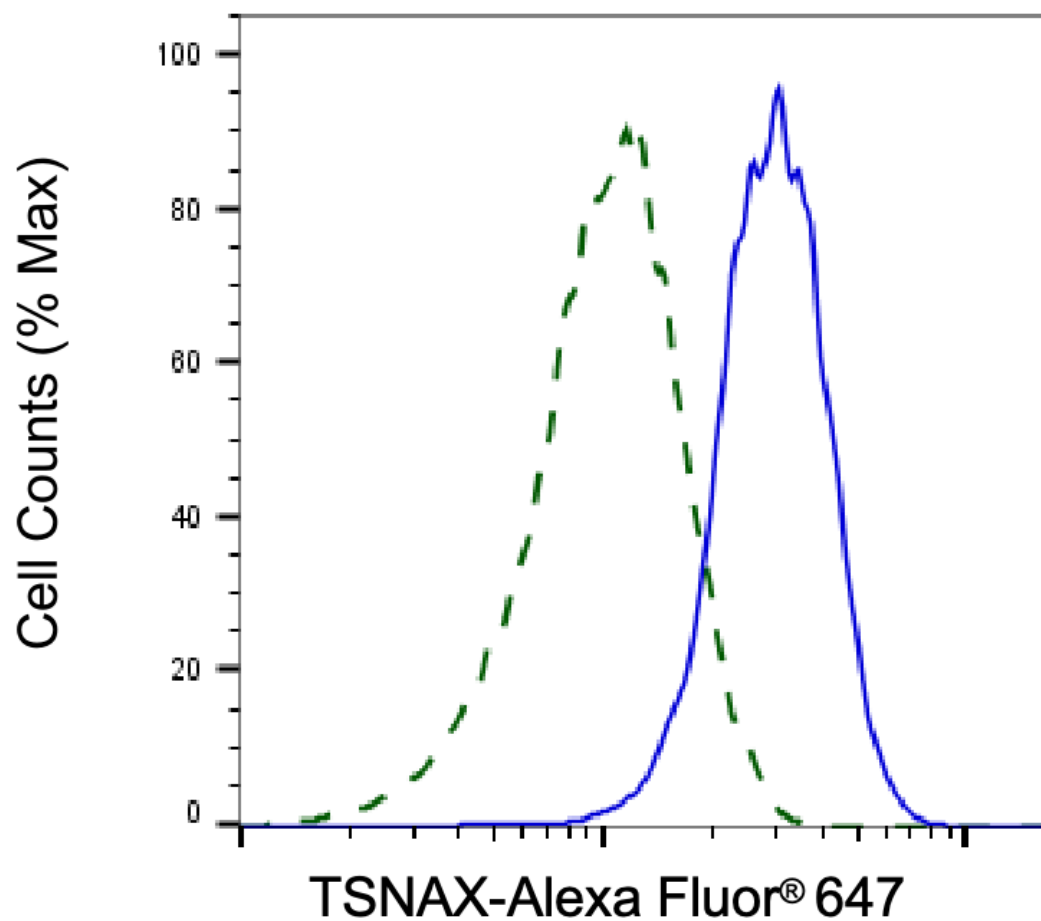


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Western blotting analysis using anti-TSNAX antibody (Cat#65087). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TSNAX antibody (Cat#65087, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

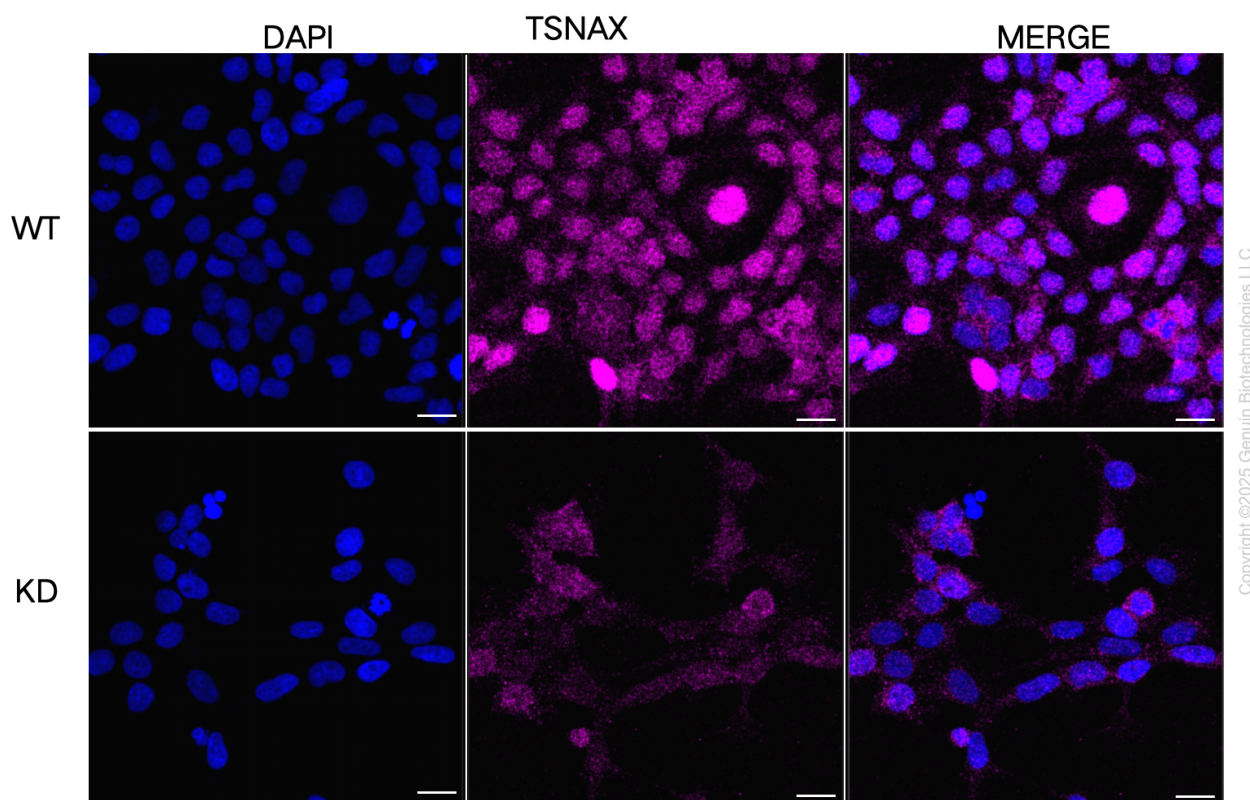


Western blotting analysis using anti-TSNAX antibody (Cat#65087). TSNAX expression in wild-type (WT) and TSNAX shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-TSNAX antibody (Cat#65087, 1:2,000) and 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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Validation of TSNAX knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with anti-TSNAX antibody (Cat#65087, 1:2,000) and analyzed using BD flow cytometer.



Immunocytochemical staining of HeLa cells using anti-TSNAX antibody (Cat#65087, 1:1,000), Top panel: wild-type (WT); Bottom panel: TSNAX shRNA knockdown (KD). Nuclei were stained blue with DAPI; TSNAX was stained magenta with Alexa Fluor® 647. Scale bar, 20  $\mu$ m.