

# KO-Validated Anti-FKBP prolyl isomerase 4 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 71199**

## Aliases

FKBP4; FKBP Prolyl Isomerase 4; FKBP59; FKBP52; Peptidyl-Prolyl Cis-Trans Isomerase  
FKBP4; FK506 Binding Protein 4, 59kDa; EC 5.2.1.8; Rotamase; FKBP51; HBI; T-Cell FK506-  
Binding Protein, 59kD; Peptidylprolyl Cis-Trans Isomerase; FK506-Binding Protein 4 (59kD); 51  
KDa FK506-Binding Protein; 52 KDa FK506-Binding Protein; HSP Binding Immunophilin; HSP-  
Binding Immunophilin; FK506 Binding; Protein 4; FK506-Binding Protein 4; 59 KDa  
Immunophilin; Immunophilin FKBP52; PPIase FKBP4; 52 KDa; FKBP; FKBP-52; PPIase;  
FKBP-4; Hsp56; P52; P59

## Background

Gene Name: FKBP4

NCBI Gene Entry: [2288](#)

UniProt Entry: [Q02790](#)

## Application Information

Molecular Weight: Predicted, 52 kDa; observed, 52 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2605

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human FKBP52

## Isotype

Rabbit IgG

## 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): 1:2,000-1:10,000

Flow Cytometry (FCM): 1:2,000

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### SUPPORT

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### ORDERS

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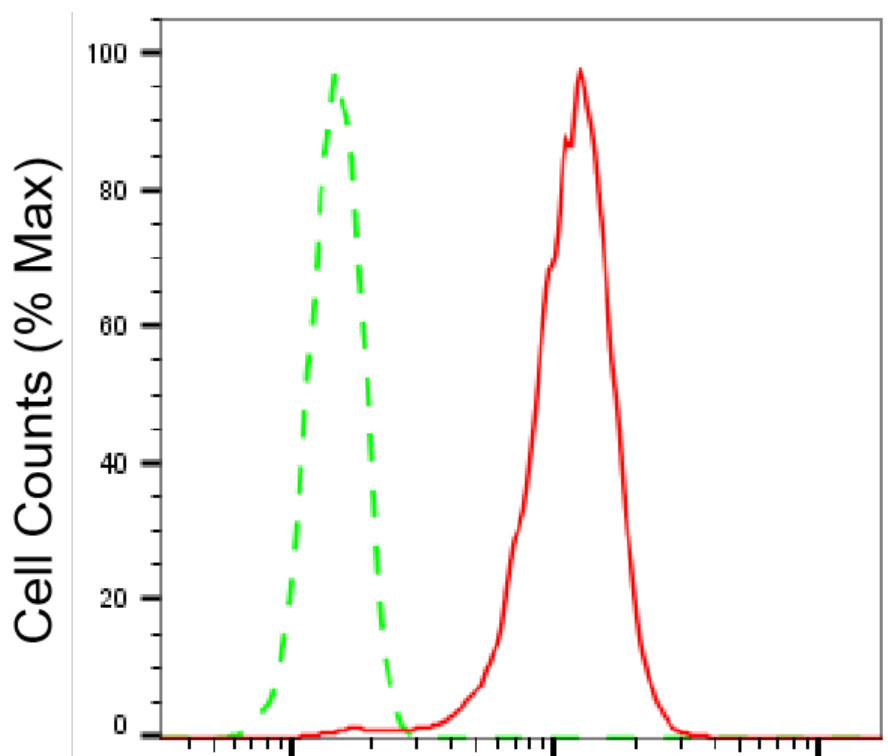
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Immunocytochemistry (IC): 1:100-1:1,000

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

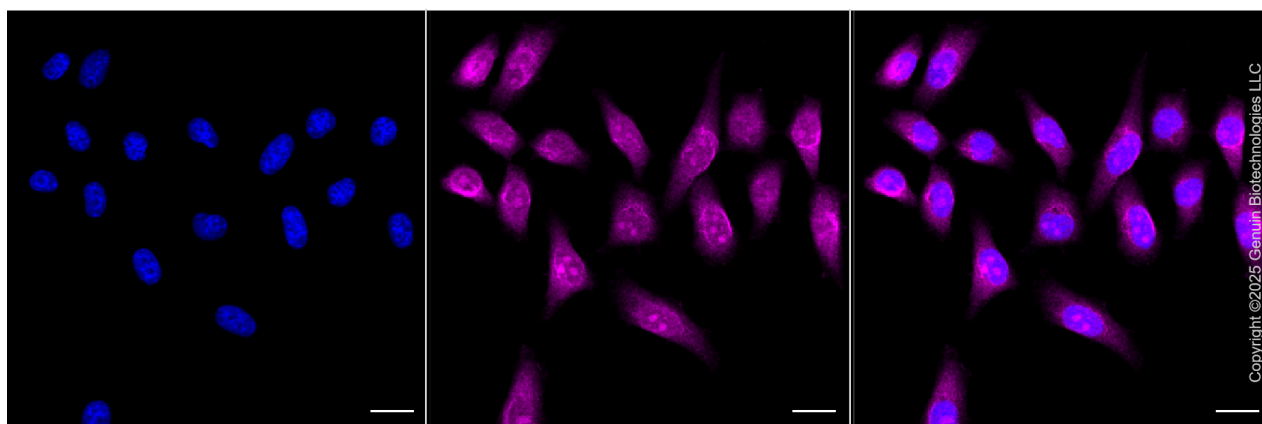
## Validation Data



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## FKBP prolyl isomerase 4-Alexa Fluor® 647

Flow cytometric analysis of FKBP prolyl isomerase 4 expression in HepG2 cells using FKBP prolyl isomerase 4 antibody (Cat#71199, 1:2,000). Green, isotype control; red, FKBP prolyl isomerase 4.



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Immunocytochemical staining of HepG2 cells with anti-FKBP prolyl isomerase 4 antibody

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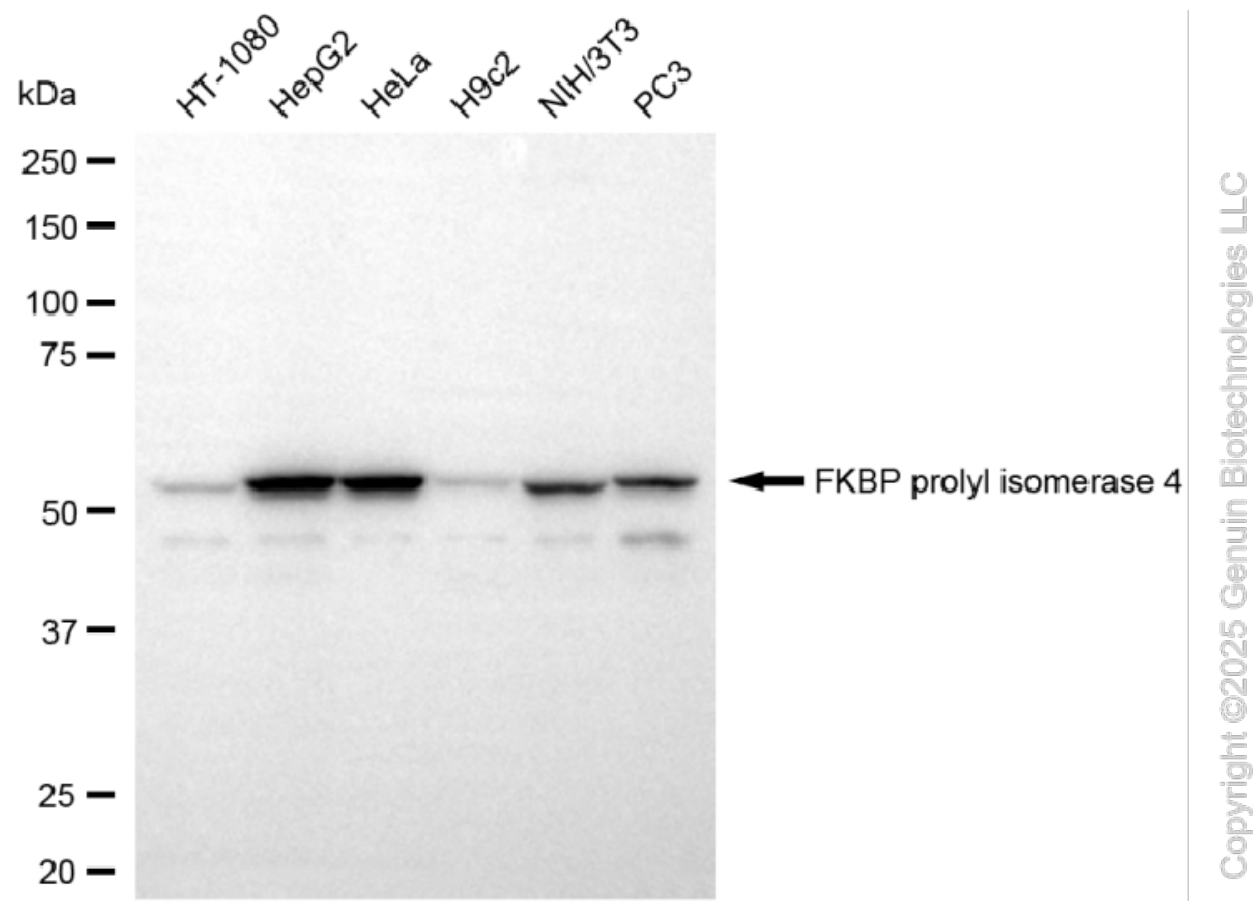
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(Cat#71199, 1:1,000). Nuclei were stained blue with DAPI; FKBP prolyl isomerase 4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-FKBP prolyl isomerase 4 antibody (Cat#71199). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FKBP prolyl isomerase 4 antibody (Cat#71199, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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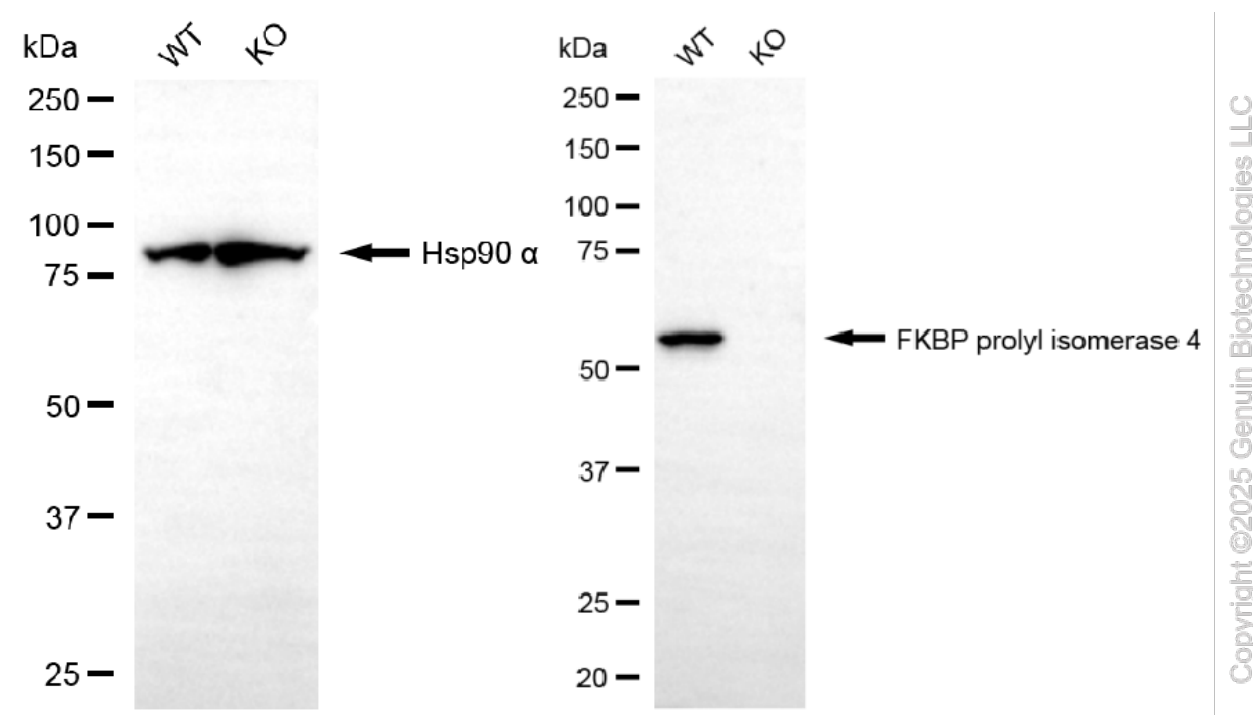
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Western blotting analysis using anti-FKBP prolyl isomerase 4 antibody (Cat#71199). FKBP prolyl isomerase 4 expression in wild-type (WT) and FKBP prolyl isomerase 4 (FKBP4) knockout (KO) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-FKBP prolyl isomerase 4 antibody (Cat#71199, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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