

À des fins de recherche uniquement

# Anticorps Monoclonal anti-FKBP52

Numéro de catalogue: 66040-1-Ig



## Informations de base

Numéro de catalogue:

66040-1-Ig

Taille:

150ul, Concentration: 433 µg/ml by Bradford method using BSA as the standard;

Hôte:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18704

Numéro d'acquisition GenBank:

BC007924

Identification du gène (NCBI):

2288

Nom complet:

FK506 binding protein 4, 59kDa

MW calculé

59 kDa

MW observés:

52 kDa

Méthode de purification:

Purification par protéine G

CloneNo.:

3F5F9

Dilutions recommandées:

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:10-1:100

## Applications

Applications testées:

FC, IF, IHC, WB, ELISA

Spécificité de l'espèce:

Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (\*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6.0.**

Contrôles positifs:

WB : cellules HeLa, cellules Jurkat, cellules K-562, cellules MCF-7

IHC : tissu de cancer du col de l'utérus humain, tissu de cancer du côlon humain

IF : cellules HeLa,

## Informations générales

FKBP52 (FK506 binding protein 4) is a member of the immunophilin protein family that comprises intracellular protein effectors of immunosuppressive drugs, and it is known as a steroid receptor-associated protein. As a novel regulator of microtubule dynamics, FKBP52 is associated with the motor protein dynein and with the cytoskeleton during mitosis. FKBP52 is highly expressed in CNS regions susceptible to Alzheimer's, and plays a role in modulating toxicity of Abeta peptides. The protein can associate with the Tau function, and may help to decipher and modulate the events involved in Tau-induced neurodegeneration. In addition, FKBP52 is likely to play a role in growth and development of the male genitalia.

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

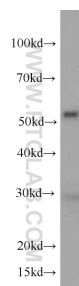
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

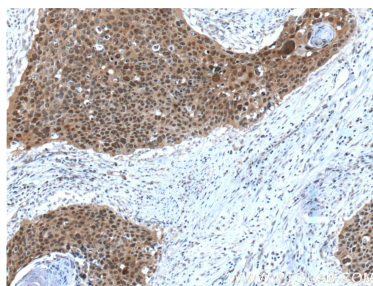
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

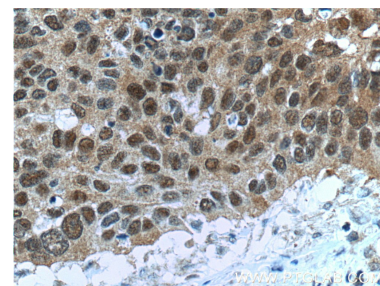
## Données de validation sélectionnées



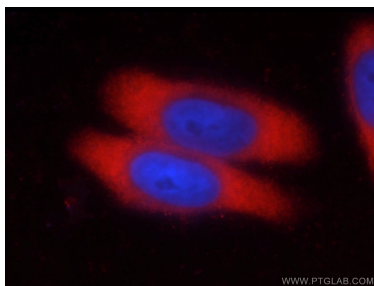
HeLa cells were subjected to SDS PAGE followed by western blot with 66040-1-Ig (FKBP52 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



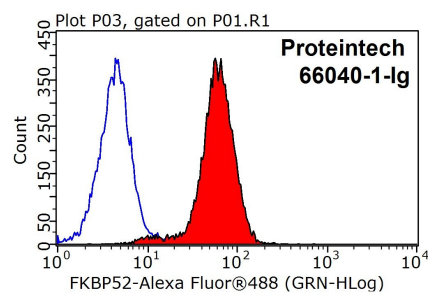
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66040-1-Ig (FKBP52 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66040-1-Ig (FKBP52 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0.



Immunofluorescent analysis of HeLa cells using 66040-1-Ig (FKBP52 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Mouse IgG.



1X10<sup>6</sup> HeLa cells were stained with 0.2ug FKBP52 antibody (66040-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.