

Allgemeine Informationen

Katalog-Nr.: 66040-1-Ig	GenBank-Zugangsnummer: BC007924	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 433 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 2288	CloneNo.: 3F5F9
Wirt: Maus	Vollständiger Name: FK506 binding protein 4, 59kDa	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:10-1:100
Isotyp: IgG1	Berechnete Masse: 59 kDa	
Immunogen Katalognummer: AG18704	Beobachtete Masse: 52 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen:
Getestete Reaktivität: Human	WB : HeLa-Zellen, Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	IHC : humanes Zervixkarzinomgewebe, humanes Kolonkarzinomgewebe
	IF : HeLa-Zellen,

Hintergrundinformationen

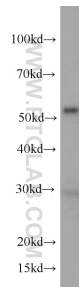
FKBP52 (FK506 binding protein 4) is a member of the immunophilin protein family that comprises intracellular protein effectors of immunosuppressive drugs, and it is known as a steroid receptor-associated protein. As a novel regulator of microtubule dynamics, FKBP52 is associated with the motor protein 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.

Lagerung

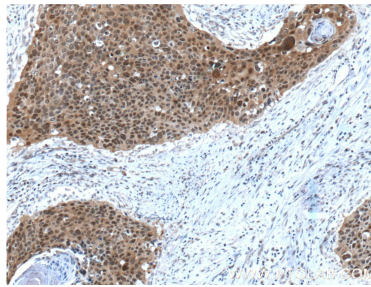
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

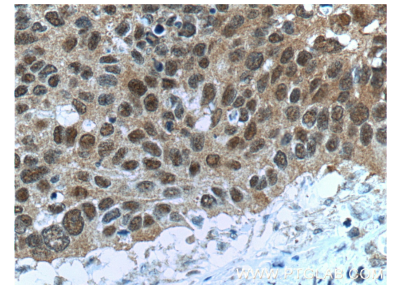
Ausgewählte Validierungsdaten



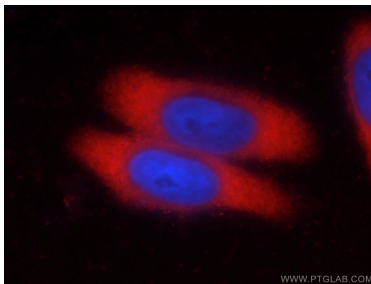
HeLa cells were subjected to SDS PAGE followed by western blot with 66040-1-Ig (FKBP52 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



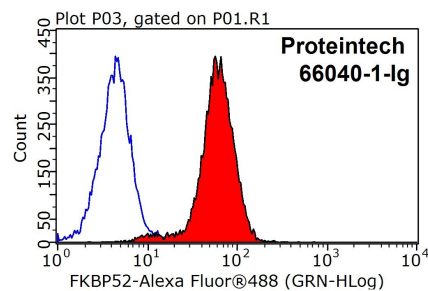
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66040-1-Ig (FKBP52 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0.



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.



1X10⁶ 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.