



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# FKBP5 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00002289-B01

規格 : [ 50 uL ]

[List All](#)

## Specification

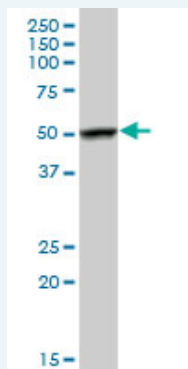
|                                 |  |
|---------------------------------|--|
| <b>Product Description:</b>     | Mouse polyclonal antibody raised against a full-length human FKBP5 protein.  |
| <b>Immunogen:</b>               | FKBP5 (NP_004108.1, 1 a.a. ~ 457 a.a) full-length human protein.   |
| <b>Sequence:</b>                | MTTDEGAKNNEESPTATVAEQGEDITSKKDRGVLKMKRVNGEETPMI<br>GDKVYVHYKGLSNGKKFDSSHRNEPFVSLGKGQVIKAWDIGVATMK<br>KGEICHLCKPEYAYGSAGSLPKIPSNATLFFEIELLDFKGEDLFEDGGIIR<br>RTKRKGEYGNPNEGATVEIHLEGRGCGRMFDCRDVAFVGEGEDHDI<br>PIGIDKALEKMQREEQCILYLGPRYGFGEAGKPKFGIEPNAELIYEVTLKS<br>FEKAKESWEMDTKEKLEQAIVKEKGTVYFKGGKYMQAIVIQYKIVSWL<br>EMEYGLSEKESKASESFLAAFLNLAMCYLKLREYTKAVECCDKALGLD<br>SANEGLYRRGEAQLLMNEFESAKGDFEKVLEVNPNQNKAAARLQISMCKK<br>KAKEHNERDRRIYANMFKKFAEQDAKEEANKAMGKKTSEGVINEKGTDS<br>QAMEEEKPEGHV |
| <b>Host:</b>                    | Mouse  |
| <b>Reactivity:</b>              | Human  |
| <b>Quality Control Testing:</b> | Antibody reactive against mammalian transfected lysate.  |
| <b>Storage Buffer:</b>          | No additive  |
| <b>Storage Instruction:</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |
| <b>Note:</b>                    | For IHC and IF applications, antibody purification with Protein A will be needed prior to use.   |

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

## Applications

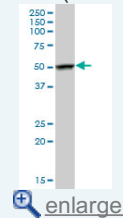
### Western Blot (Tissue lysate)



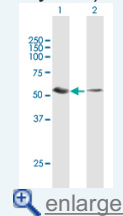
FKBP5 MaxPab polyclonal antibody. Western Blot analysis of FKBP5 expression in human placenta.

## Application Image

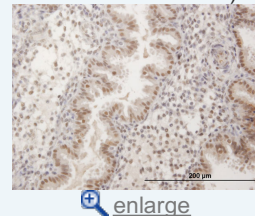
### Western Blot (Tissue lysate)



### Western Blot (Transfected lysate)



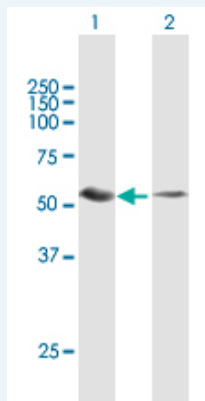
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



### Immunofluorescence



### Western Blot (Transfected lysate)

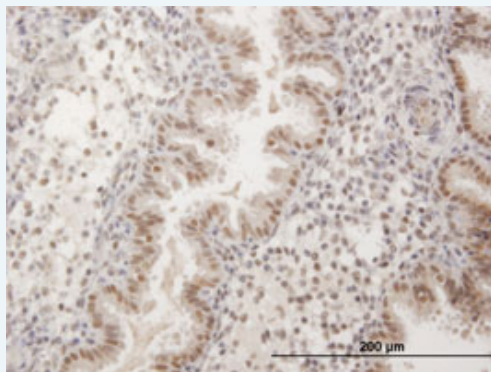



Western Blot analysis of FKBP5 expression in transfected 293T cell line ([H00002289-T01](#)) by FKBP5 MaxPab polyclonal antibody.

Lane 1: FKBP5 transfected lysate(50.27 KDa).

Lane 2: Non-transfected lysate.

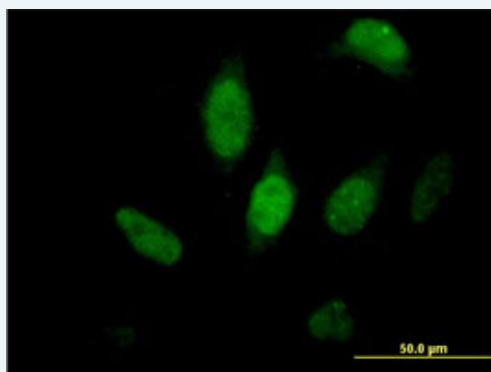
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)




 enlarge this image

Immunoperoxidase of purified MaxPab antibody to FKBP5 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]

### Immunofluorescence



 enlarge this image

Immunofluorescence of purified MaxPab antibody to FKBP5 on HeLa cell. [antibody concentration 10 ug/ml]

### Gene Information

Entrez GeneID: [2289](#)

GeneBank [NM\\_004117.2](#)

Accession#:

Protein [NP\\_004108.1](#)

**Accession#:****Gene Name:** FKBP5**Gene Alias:** FKBP51,FKBP54,MGC111006,P54,PPlase,Ptg-10**Gene Description:** FK506 binding protein 5**Omim ID:** [602623](#), [608516](#)**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein. This gene has been found to have multiple polyadenylation sites. Alternative splicing results in multiple transcript variants.[provided by RefSeq]

**Other Designations:** 51 kDa FK506-binding protein 5,54 kDa progesterone receptor-associated immunophilin,FF1 antigen,FK506-binding protein 5,HSP90-binding immunophilin,OTTHUMP00000016268,T-cell FK506-binding protein,peptidylprolyl cis-trans isomerase,rotamase

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