

Basic Information

Product Name	Anti-FKBP5 Antibody (Clone#OTI3E9)	
Gene Name	FKBP5	
Source	Mouse	
Clonality	Monoclonal	
Isotype	IgG1	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF	
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
Immunogen	Full-length protein expressed in 293T cell transfected with human FKBP5 expression vector	
Concentration	500 ug/ml	
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
Observed MW	51 kDa	
Dilution Ratios	Western blot (WB):	1:2000
	Immunohistochemistry (IHC):	1:50
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

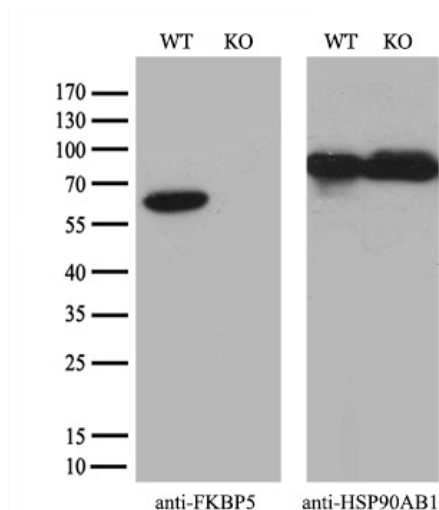
Background Information

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.

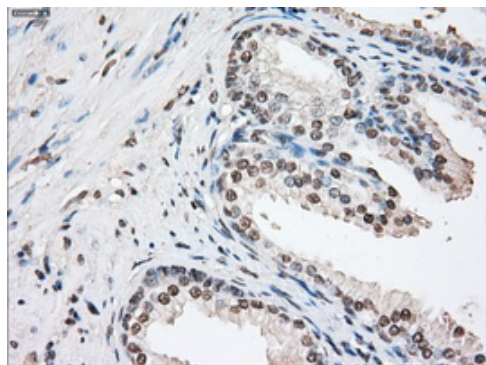
Reference

Anti-FKBP5 Antibody (Clone#OTI3E9)被引用在1文献中。

Selected Validation Data



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT) and FKBP5-Knockout HeLa cells (KO) were separated by SDS-PAGE and immunoblotted with anti-FKBP5 monoclonal antibody MA04182 (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.



Immunohistochemical staining of paraffin-embedded prostate tissue within the normal limits using anti-FKBP5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, MA04182, Dilution 1:50)

Product datasheet

Anti-FKBP5 Antibody (Clone#OTI3E9)

Catalog Number: **MA04182**

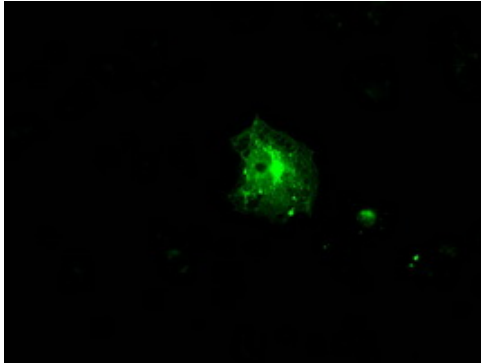
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Anti-FKBP5 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FKBP5 .