



Catalog: OM278904

Scan to get more validated information



FKBP4 Antibody

Catalog: OM278904

☐ 100ug

Product profile

Product name	FKBP4 Antibody
Antibody Type	Primary Antibodies
Product description	<p>FKBP4 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It has high structural and functional similarity to FK506-binding protein 1A (FKBP1A), but unlike FKBP1A, this protein does not have immunosuppressant activity when complexed with FK506. It interacts with interferon regulatory factor-4 and plays an important role in immunoregulatory gene expression in B and T lymphocytes. This protein is known to associate with phytanoyl-CoA alpha-hydroxylase. It can also associate with two heat shock proteins (hsp90 and hsp70) and thus may play a role in the intracellular trafficking of hetero-oligomeric forms of the steroid hormone receptors. This protein correlates strongly with adeno-associated virus type 2 vectors (AAV) resulting in a significant increase in AAV-mediated transgene expression in human cell lines. Thus this protein is thought to have important implications for the optimal use of AAV vectors in human gene therapy.1) Tatro,E.T., Neuroimmune Pharmacol(2), 218-226 (2009)</p>
Immunogen	<p>This FKBP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-216 amino acids from the Central region of human FKBP4.</p>

Key Feature

Clonality	Polyclonal
Isotype	Ig
Host Species	Rabbit
Tested Applications	FACS ,WB
Species Reactivity	Human
Concentration	1 mg/ml

Target Information

Gene Symbol	FKBP4
-------------	-------

Alternative Names Peptidyl-prolyl cis-trans isomerase FKBP4, PPlase FKBP4, 51 kDa FK506-binding protein, FKBP51, 52 kDa FK506-binding protein, 52 kDa FKBP, FKBP-52, 59 kDa immunophilin, p59, FK506-binding protein 4, FKBP-4, FKBP59, HSP-binding immunophilin, HBI, Immunophili

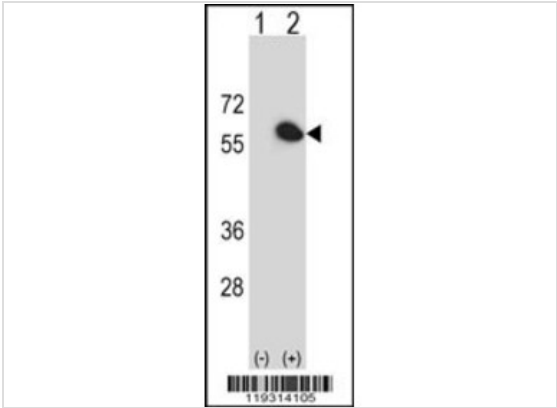
Molecular Weight(MW) 52 kDa

Database Links

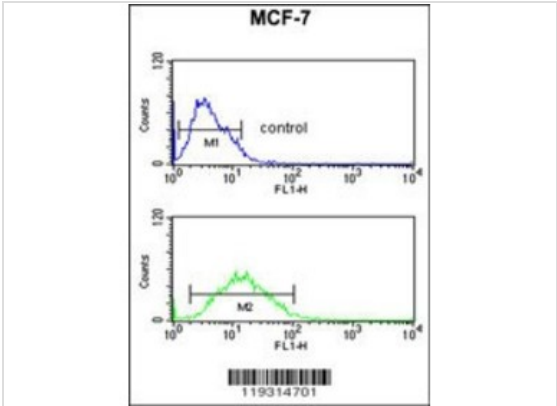
Entrez Gene 2288

Protein Accession Q02790

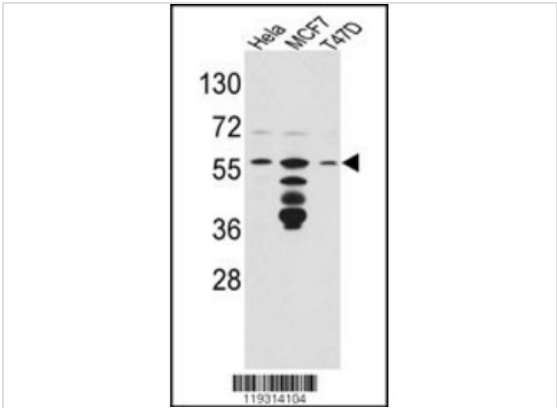
Application



Application
Western blot analysis of FKBP4 using rabbit polyclonal FKBP4 Antibody using 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the FKBP4 gene.



Application
Flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram).FIT C-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Application
Western blot analysis of FKBP4 Antibody in Hela,MCF7,T47D cell line lysates(35ug/lane).

Application Notes For WB starting dilution is: 1:1000 For FACS starting dilution is: 1:10~50:

Additional Information

Form	Liquid
Storage Instructions	Store at 4 °C for three months and -20 °C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage Buffer	Supplied in PBS with 0.09% (W/V) sodium azide.
Note	The product is for research use only, not for use in diagnostic or therapeutic procedures.

OmnimAbs.com

order@Omnimabs.com
506 N. GARFIELD AVE #210 ALHAMBRA, CA 91801
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt