

FKBP10/FKBP65 Recombinant antibody

Catalog Number: 81567-1-RR

Featured Product

Basic Information

Catalog Number:

81567-1-RR

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2814

GenBank Accession Number:

BC016467

GeneID (NCBI):

60681

UNIPROT ID:

Q96AY3

Full Name:

FK506 binding protein 10, 65 kDa

Calculated MW:

582 aa, 64 kDa

Observed MW:

65-70 kDa

Purification Method:

Protein A purification

CloneNo.:

S94

Recommended Dilutions:

WB 1:2000-1:11800

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, HeLa cells, A375 cells

IHC : human ovary tumor tissue,

Background Information

FKBP10, also known as FKBP65, is a 65 kDa FK506 binding protein that is a member of the FKBP-type peptidyl-prolyl cis/trans isomerase family. This protein localizes to the endoplasmic reticulum and acts as a molecular chaperone and binding partner of type I collagen. FKBP65 is expressed in developing tissues and re-expressed in adult tissues following injury. As documented, FKBP10 has been detected to play important roles in the initiation and progression of cancers.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

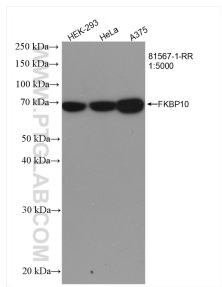
T: 4006900926

E: Proteintech-CN@ptglab.com

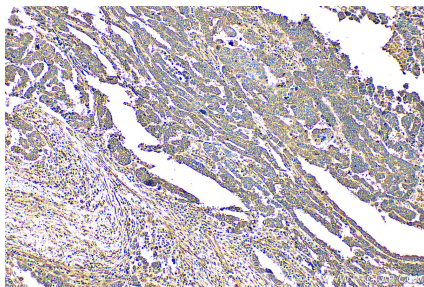
W: ptgcn.com

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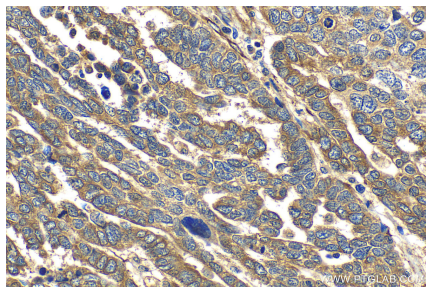
Selected Validation Data



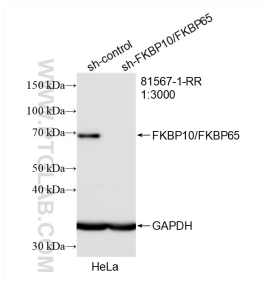
Various lysates were subjected to SDS PAGE followed by western blot with 81567-1-RR (FKBP10/FKBP65 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



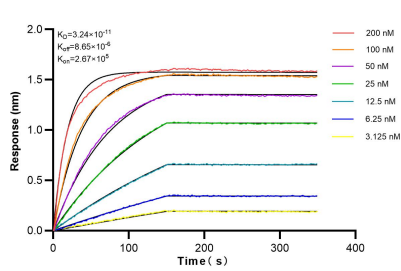
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 81567-1-RR (FKBP10/FKBP65 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 81567-1-RR (FKBP10/FKBP65 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of FKBP10/FKBP65 antibody (81567-1-RR; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FKBP10/FKBP65 transfected HeLa cells.



Biolayer interferometry (BLI) kinetic assays of 81567-1-RR against Human FKBP10/FKBP65 were performed. The affinity constant is 32.4 pM.