For Research Use Only

FKBPL Monoclonal antibody

Catalog Number:66389-1-Ig 1 Publications

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Basic Information

Catalog Number:
66389-1-Ig

Size:
150ul , Concentration: 1500 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG0112

GenBank Accession Number:
BC004168

GeneID (NCBI):
63943

Full Name:
FK506 binding protein like

Calculated MW:
349 aa, 38 kDa

Observed MW:
42 kDa

Purification Method:
Protein G purification

CloneNo.:
2H10B10

Recommended Dilutions:
WB 1:1000-1:8000
IHC 1:100-1:400
IF 1:50-1:500

Applications

Tested Applications:
IF, IHC, WB,ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
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 : HeLa cells, MCF-7 cells, HEK-293 cells, Jurkat cells, Raji cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, ROS1728 cells, C6 cells, RAW 264.7 cells

IHC : human breast cancer tissue, human testis tissue

IF : MCF-7 cells,

Background Information

FKBPL, also named as DIR1, NG7 and WISp39, has similarity to the immunophilin protein family, which plays a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBPL levels may be a prognostic indicator and determinant of response to endocrine therapy(PMID:20103631, 15664193) .It can be detected the band between 38 kDa and 48 kDa by western blot.

Notable Publications

Author	Pubmed ID	Journal	Application
Sahar Masoumeh Ghorbanpour	36652019	Cell Mol Life Sci	WB

Storage

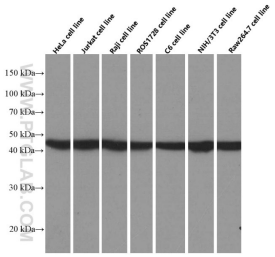
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

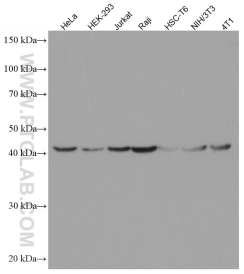
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

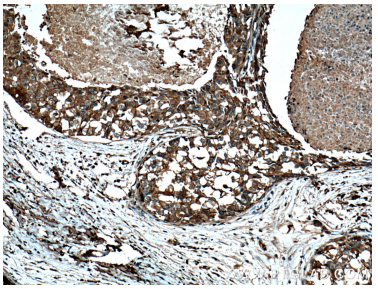
Selected Validation Data



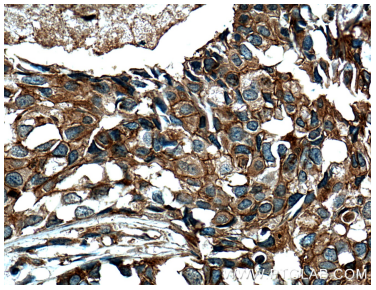
Western blot analysis of FKBPL-specific in various cell lines using Proteintech antibody 66389-1-Ig at dilution of 1:4000 incubated at room temperature for 1.5 hours.



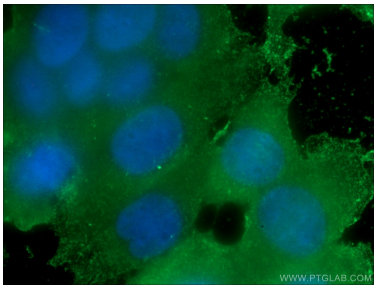
Various lysates were subjected to SDS PAGE followed by western blot with 66389-1-Ig (FKBPL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66389-1-Ig (FKBPL 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 breast cancer tissue slide using 66389-1-Ig (FKBPL Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 66389-1-Ig (FKBPL antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).