

For Research Use Only

FKBP5 Monoclonal antibody

Catalog Number: 67874-1-Ig



Basic Information

Catalog Number: 67874-1-Ig	GenBank Accession Number: BC042605	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2289	CloneNo.: 3B11F3
Source: Mouse	Full Name: FK506 binding protein 5	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:1000-1:4000
Isotype: IgG2b	Calculated MW: 457 aa, 51 kDa	
Immunogen Catalog Number: AG5514	Observed MW: 51 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

Human, rat, mouse

**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 : A549 cells, rat testis tissue, mouse testis tissue,
LNCaP cells, HeLa cells, Jurkat cells, K-562 cells

IHC : human colon cancer tissue,

Background Information

FKBP5 (Peptidyl-prolyl cis-trans isomerase FKBP5) interacts with functionally mature heterooligomeric progesterone receptor complexes along with HSP90 and TEBP. Unlike the predominant T-cell expression of the mouse protein, FKBP5 is expressed as a 51-kD protein in a variety of tissues but not in brain, colon, or lung (PMID: 9125197).

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

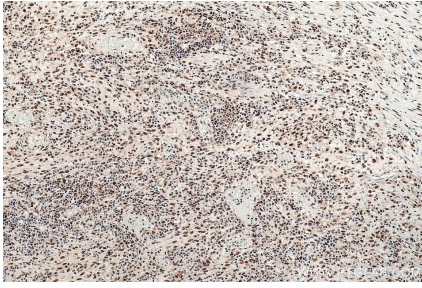
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

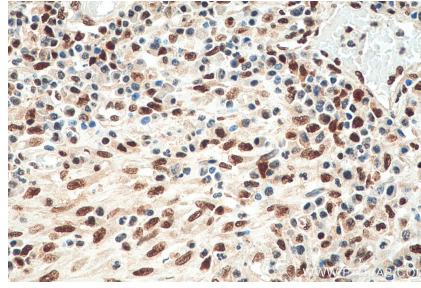
E: proteintech@ptglab.com
W: ptglab.com

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

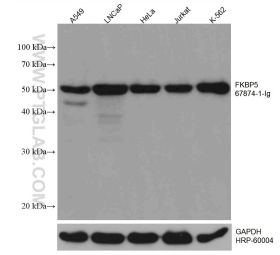
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67874-1-Ig (FKBP5 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67874-1-Ig (FKBP5 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67874-1-Ig (FKBP5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.