

For Research Use Only

FKBP5 Monoclonal antibody

Catalog Number: 67874-1-Ig **1 Publications**



Basic Information

Catalog Number: 67874-1-Ig	GenBank Accession Number: BC042605	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2289	CloneNo.: 3B11F3
Source: Mouse	UNIPROT ID: Q13451	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:1000-1:4000
Isotype: IgG2b	Full Name: FK506 binding protein 5	
Immunogen Catalog Number: AG5514	Calculated MW: 457 aa, 51 kDa	
	Observed MW: 51 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB : A549 cells, rat testis tissue, mouse testis tissue, LNCaP cells, HeLa cells, Jurkat cells, K-562 cells
Species Specificity: Human, rat, mouse	IHC : human colon cancer tissue,
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	

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Hongrui Chen	39020442	Stem Cell Res Ther	WB,IHC

Storage

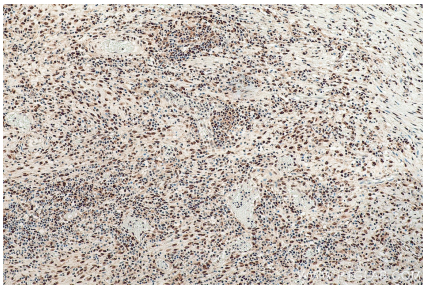
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

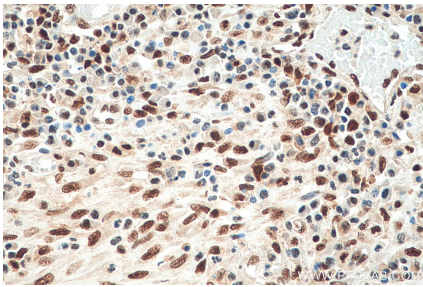
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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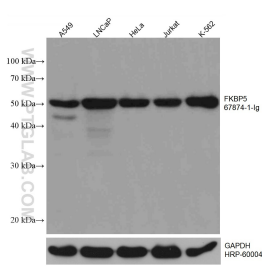
Selected Validation Data



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.