

For Research Use Only

PFN2 Monoclonal antibody

Catalog Number: 60094-2-Ig

Featured Product

6 Publications



Basic Information

Catalog Number: 60094-2-Ig	GenBank Accession Number: BC018049	Purification Method: Protein A purification
Size: 150ul , Concentration: 1500 ug/ml by Nanodrop;	GeneID (NCBI): 5217	CloneNo.: 2H7C12
Source: Mouse	UNIPROT ID: P35080	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 IF/ICC 1:250-1:1000
Isotype: IgG2a	Full Name: profilin 2	
Immunogen Catalog Number: AG5043	Calculated MW: 140 aa, 15 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB, IHC, IF

Species Specificity:
human, mouse, rat, pig

Cited Species:
human, 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 : mouse brain tissue, rat brain tissue

IHC : human lung cancer tissue, human skeletal muscle tissue, mouse brain tissue

IF/ICC : HeLa cells,

Background Information

PFN2 (profilin 2) is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. The MW of this protein is 15 kDa, and this antibody specially recognises the 15 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Dina Andriamoratsiresy	29158086	Biochem Biophys Res Commun	WB,IF
Deyou Kong	35239064	J Mammary Gland Biol Neoplasia	WB,IHC
Hui Zhang	30015842	Int J Oncol	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, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

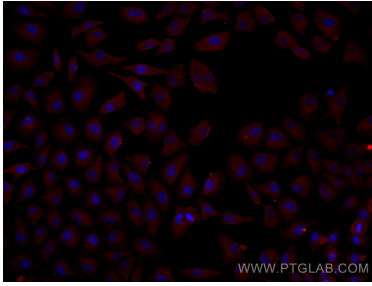
For technical support and original validation data for this product please contact:

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

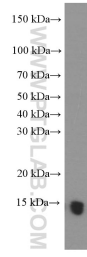
E: proteintech@ptglab.com
W: ptglab.com

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

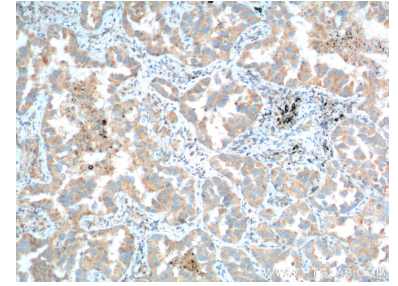
Selected Validation Data



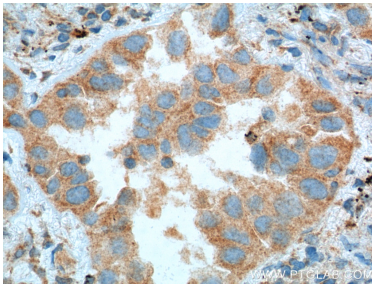
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PFN2 antibody (60094-2-Ig, Clone: 2H7C12) at dilution of 1:500 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).



mouse brain tissue were subjected to SDS PAGE followed by western blot with 60094-2-Ig (PFN2 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60094-2-Ig (PFN2 Antibody) at dilution of 1:400 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60094-2-Ig (PFN2 Antibody) at dilution of 1:400 (under 40x lens).