

MFAP4 Recombinant monoclonal antibody

Catalog Number: 88535-1-RR

Basic Information

Catalog Number: 88535-1-RR	GenBank Accession Number: BC062415	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4239	CloneNo.: 261177D10
Source: Rabbit	UNIPROT ID: P55083	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: microfibrillar-associated protein 4	
Immunogen Catalog Number: AG11920	Calculated MW: 255 aa, 29 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse, rat

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 lung tissue, mouse spleen tissue, rat lung tissue, rat spleen tissue

IHC : human colon tissue, human lung tissue

Background Information

Microfibrillar-associated protein 4 (MFAP4) is a extracellular matrix glycoprotein containing a fibrinogen C-terminal domain and a N-terminal located integrin-binding motif. It could be involved in calcium-dependent cell adhesion or intercellular interactions. MFAP4 gene is commonly deleted in Smith-Magenis syndrome patients. (PMID: 7633408; 16867155; 10542261; 18322703)

Storage

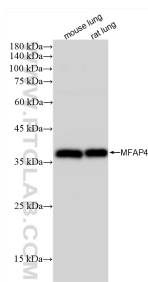
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

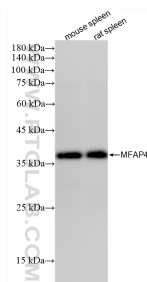
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

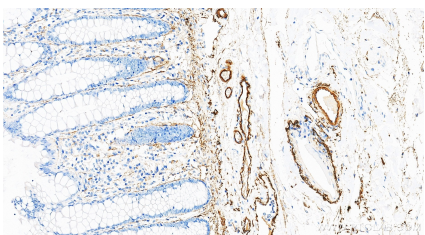
Selected Validation Data



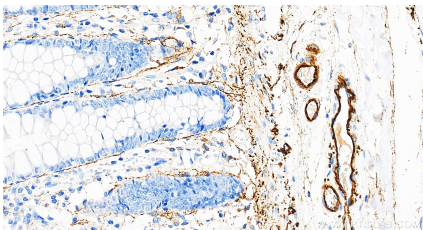
Various lysates were subjected to SDS PAGE followed by western blot with 88535-1-RR (MFAP4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



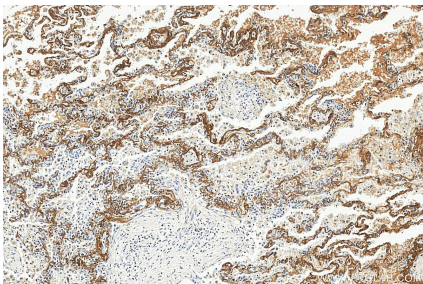
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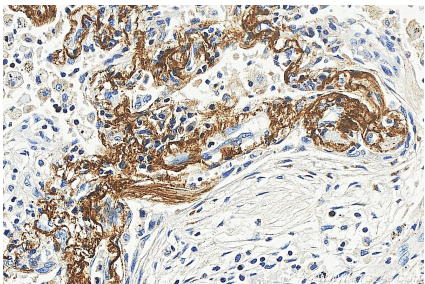
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 88535-1-RR (MFAP4 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 88535-1-RR (MFAP4 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 88535-1-RR (MFAP4 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 88535-1-RR (MFAP4 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).