

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
Source: Rabbit	GeneID (NCBI): 4239	CloneNo.: 261177D10
Isotype: IgG	UNIPROT ID: P55083	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Immunogen Catalog Number: AG11920	Full Name: microfibrillar-associated protein 4	
	Calculated MW: 255 aa, 29 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse lung tissue, mouse spleen tissue, rat lung tissue, rat spleen tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon tissue, human lung tissue

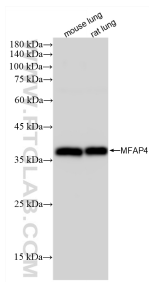
Background Information

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)

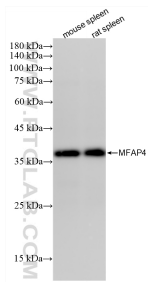
Storage

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

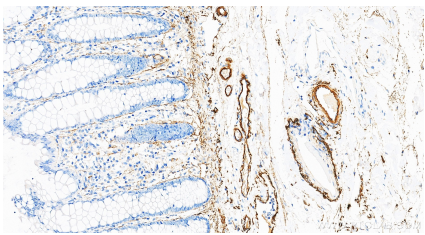
Selected Validation Data



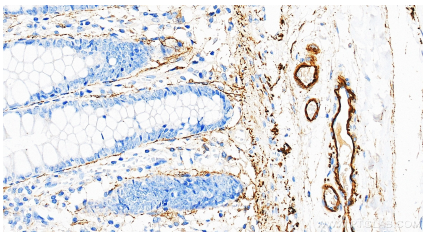
Various lysates were subjected to SDS PAGE followed by western blot with 88535-1-RR (MFAP4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



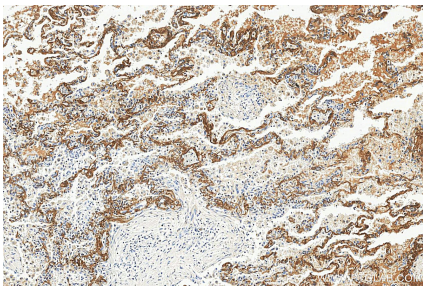
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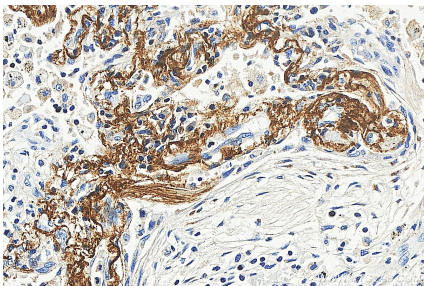
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 88535-1-RR (MFAP4 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).