

**MFAP4 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP4940b****Specification**

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**MFAP4 Antibody (C-term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">P55083</a>
Other Accession	<a href="#">Q9D1H9</a> , <a href="#">P55918</a>
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	228-255

**MFAP4 Antibody (C-term) - Additional Information****Gene ID** 4239**Other Names**

Microfibril-associated glycoprotein 4, MFAP4

**Target/Specificity**

This MFAP4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-255 amino acids from the C-terminal region of human MFAP4.

**Dilution**

WB~~1:1000

IHC-P~~1:50~100

FC~~1:10~50

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MFAP4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**MFAP4 Antibody (C-term) - Protein Information****Name** MFAP4

**Function** Could be involved in calcium-dependent cell adhesion or intercellular interactions. May contribute to the elastic fiber assembly and/or maintenance (PubMed:[26601954](#)).

**Cellular Location**

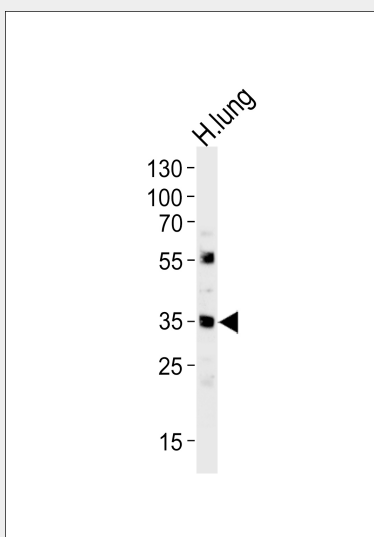
Secreted, extracellular space, extracellular matrix

**MFAP4 Antibody (C-term) - Protocols**

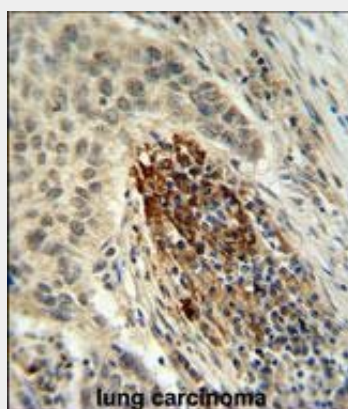
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

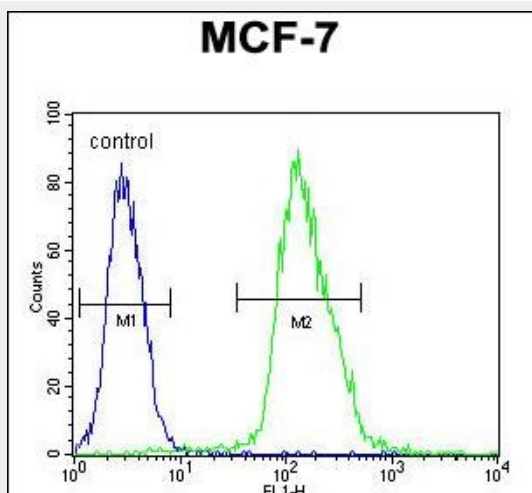
**MFAP4 Antibody (C-term) - Images**



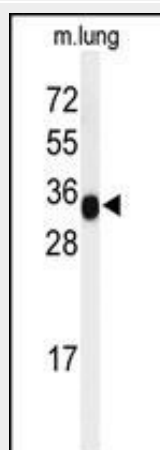
Western blot analysis of lysate from human lung tissue lysate, using MFAP4 Antibody (C-term)(Cat. #AP4940b). AP4940b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



MFAP4 Antibody (C-term) (Cat. #AP4940b) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MFAP4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



MFAP4 Antibody (C-term) (Cat. #AP4940b) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western blot analysis of MFAP4 Antibody (C-term) (Cat. #AP4940b) in mouse lung tissue lysates (35ug/lane). MFAP4 (arrow) was detected using the purified Pab.

#### **MFAP4 Antibody (C-term) - Background**

MFAP4 is a protein with similarity to a bovine microfibril-associated protein. The protein has binding specificities for both collagen and carbohydrate. It is thought to be an extracellular matrix protein which is involved in cell adhesion or intercellular interactions. The gene is located within the Smith-Magenis syndrome region.

#### **MFAP4 Antibody (C-term) - References**

Edelman, E.A., et al. Clin. Genet. 71(6):540-550(2007)  
Schlosser, A., et al. Scand. J. Immunol. 64(2):104-116(2006)  
Liu, T., et al. J. Proteome Res. 4(6):2070-2080(2005)