

Rabbit MFAP5 Polyclonal Antibody | anti-MFAP5 antibody

MFAP5 Antibody (C-term)

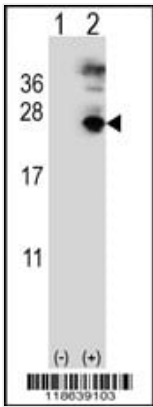
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285191	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

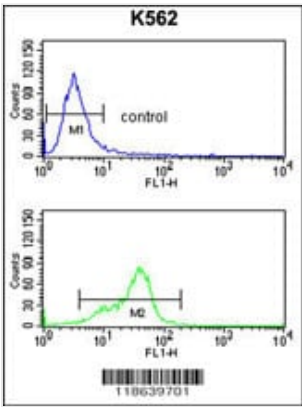
MFAP5; Polyclonal Antibody; MFAP5 Antibody (C-term); Microfibrillar-associated protein 5; MFAP-5; MP25; Microfibril-associated glycoprotein 2; MAGP-2; MAGP2; anti-MFAP5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This MFAP5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 133-160 amino acids from the C-terminal region of human MFAP5.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	133-160
Applicable Applications for anti-MFAP5 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	May play a role in hematopoiesis. In the cardiovascular system, could regulate growth factors or participate in cell signaling in maintaining large vessel integrity (By similarity). Component of the elastin-associated microfibrils (PubMed:).
Calculated MW	19612
Cellular Location	Secreted, extracellular space, extracellular matrix
Preparation and Storage	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



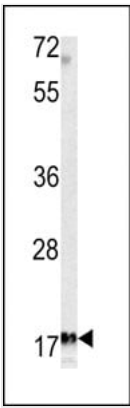
WB (Western Blot)
Western blot analysis of MFAP5 (arrow) using rabbit polyclonal MFAP5 Antibody (C-term) (AAA285191). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MFAP5 gene.



FCM/FACS (Flow Cytometry)
MFAP5 Antibody (C-term) (AAA285191) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human Skeletal muscle reacted with MFAP5 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MFAP5 antibody (C-term) (AAA285191) in K562 cell line lysates (35ug/lane). MFAP5 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MFAP5 antibody	MFAP5 is a 25-kDa microfibril-associated glycoprotein which is rich in serine and threonine residues. The protein lacks a hydrophobic carboxyl terminus and proline-, glutamine-, and tyrosine-rich regions, which are characteristics of a related 31-kDa microfibril-associated glycoprotein (MFAP2). The close similarity between these two proteins is confined to a central region of 60 aa where precise alignment of 7 cysteine residues occurs. The structural differences suggest that this protein has some functions that are distinct from those of MFAP2.
Product Categories/Family for anti-MFAP5 antibody	Cancer; Signal Transduction
References	Albig,A.R., Becenti,D.J. Microvasc. Res. 76 (1), 7-14 (2008) Miyamoto,A., Lau,R. J. Biol. Chem. 281 (15), 10089-10097 (2006) Penner,A.S., Rock,M.J. J. Biol. Chem. 277 (38), 35044-35049 (2002) Hatzinikolas,G. J. Biol. Chem. 273 (45), 29309-29314 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505089
NCBI GeneID	8076
NCBI Accession #	NP_003471.1

NCBI GenBank Nucleotide #	NM_003480.3
UniProt Accession #	Q13361; Q7Z490; B0AZL6; D3DUV1
NCBI Official Full Name	microfibrillar-associated protein 5 isoform a
NCBI Official Synonym Full Names	microfibrillar associated protein 5
NCBI Official Symbol	MFAP5
NCBI Official Synonym Symbols	AAT9; MP25; MAGP2; MAGP-2; MFAP-5
NCBI Protein Information	microfibrillar-associated protein 5
UniProt Protein Name	Microfibrillar-associated protein 5
UniProt Gene Name	MFAP5
UniProt Synonym Gene Names	MAGP2; MFAP-5; MAGP-2
UniProt Entry Name	MFAP5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mfap5-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285191>