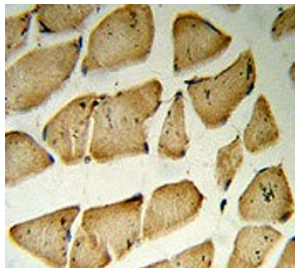


Microfibrillar-associated protein 5 Antibody / MFAP5 (F54919)

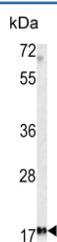
Catalog No.	Formulation	Size
F54919-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54919-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

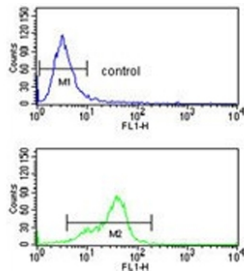
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q13361
Applications	Western Blot : 1:500-1:1000 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This Microfibrillar-associated protein 5 antibody is available for research use only.



IHC testing of FFPE human skeletal muscle tissue with Microfibrillar-associated protein 5 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human K562 cell lysate with Microfibrillar-associated protein 5 antibody. Predicted molecular weight: 19-25 kDa depending on glycosylation level.



Flow cytometry testing of human K562 cells with Microfibrillar-associated protein 5 antibody; Blue=isotype control, Green= Microfibrillar-associated protein 5 antibody.

Description

MFAP5 is a 25-kD 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Microfibrillar-associated protein 5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 133-160 from the human protein was used as the immunogen for the Microfibrillar-associated protein 5 antibody.

Storage

Aliquot the Microfibrillar-associated protein 5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.