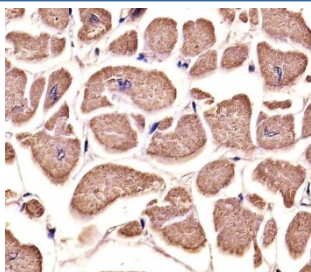


Myosin 18B Antibody / MYO18B [clone 1683CT270.39.50] (F54495)

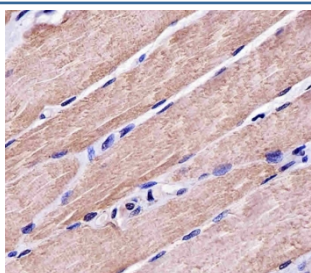
Catalog No.	Formulation	Size
F54495-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54495-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

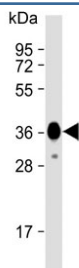
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	IgG2b, kappa
Clone Name	1683CT270.39.50
Purity	Protein G affinity
UniProt	Q8IUG5
Applications	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
Limitations	This Myosin 18B antibody is available for research use only.



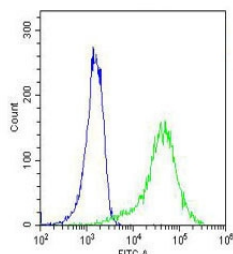
IHC testing of FFPE human heart tissue with IRF7 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human skeletal muscle tissue with IRF7 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of recombinant human partial protein with Myosin 18B antibody.



Flow cytometry testing of fixed and permeabilized human A431 cells with Myosin 18B antibody; Blue=isotype control, Green= Myosin 18B antibody.

Description

May be involved in intracellular trafficking of the muscle cell when in the cytoplasm, whereas entering the nucleus, may be involved in the regulation of muscle specific genes. May play a role in the control of tumor development and progression; restored MYO18B expression in lung cancer cells suppresses anchorage-independent growth.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Myosin 18B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human protein was used as the immunogen for the Myosin 18B antibody.

Storage

Aliquot the Myosin 18B antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.