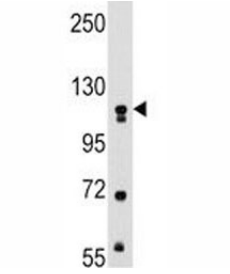
MUSK Antibody (F50653)

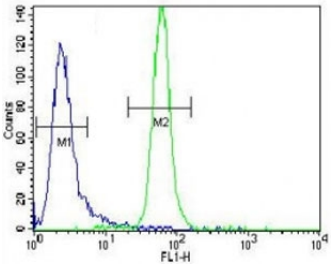
Catalog No.	Formulation	Size
F50653-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50653-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

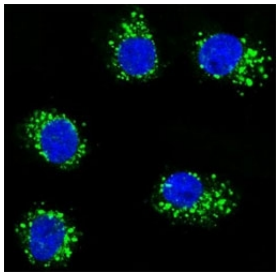
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O15146
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This MUSK antibody is available for research use only.



Western blot analysis of MUSK antibody and mouse kidney tissue lysate.



MUSK antibody flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Confocal immunofluorescent analysis of MUSK antibody with MDA-MB231 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).

Description

MuSK activates signaling cascades responsible for many aspects of synapse formation, including the organization of the postsynaptic membrane, synapse-specific transcription, and presynaptic differentiation. MuSK also mediates agrin-induced aggregation of acetylcholine receptors at the mature vertebrate neuromuscular junction and also during synapse formation. It has been shown that a majority of AChR Ab-seronegative myasthenia gravis patients possess serum autoantibodies against MuSK.

Application Notes

Titration of the MUSK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This MUSK antibody was produced from rabbits immunized with human MUSK recombinant protein.

Storage

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

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