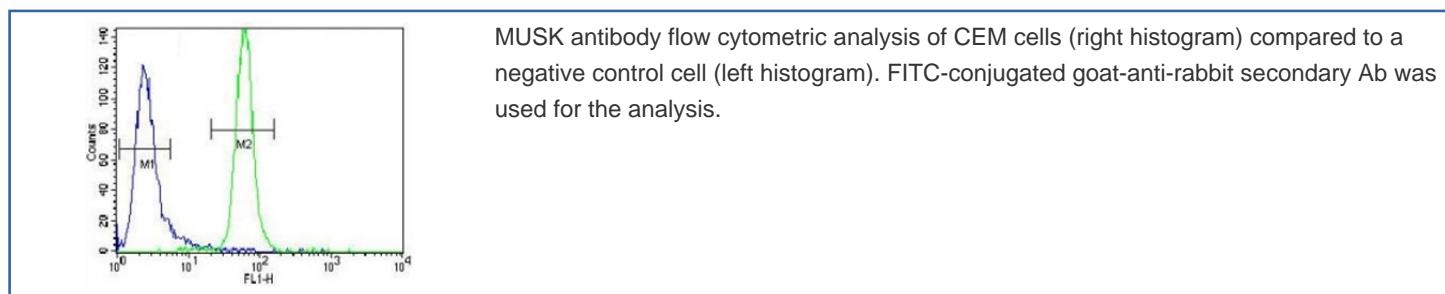
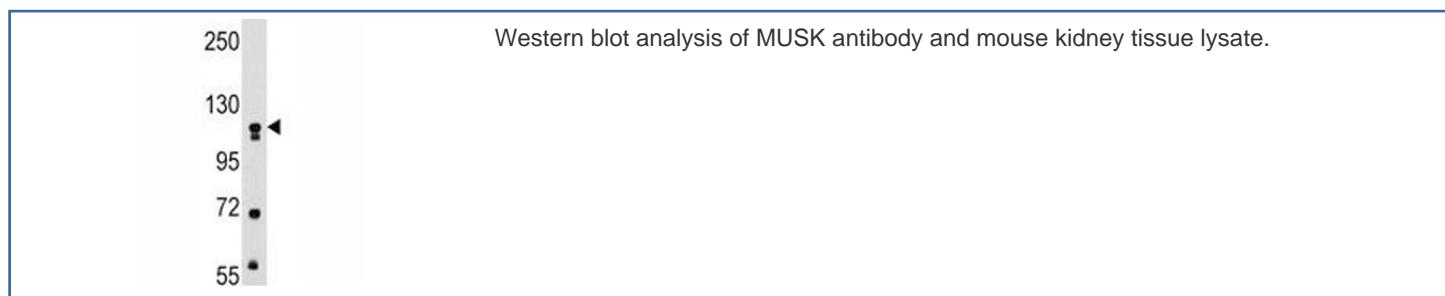


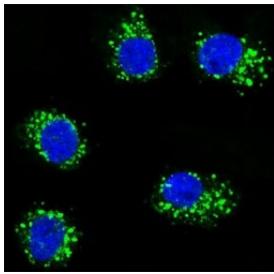
## MUSK Antibody (F50653)

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.





Confocal immunofluorescent analysis of MUSK antibody with MDA-MB231 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (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.