Mouse anti-Human MUSK Monoclonal Antibody | anti-MUSK antibody

MUSK Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268514	**Mouse**	**Human**	**Immunocytochemistry, Immunohistochemistry**

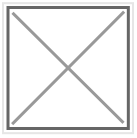
PRODUCT SYNONYMS

MUSK; Monoclonal Antibody; MUSK Mouse mAb; muscle; skeletal; receptor tyrosine kinase; anti-MUSK antibody

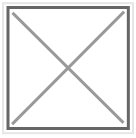
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	10A4
Purity/Purification	Ascitic fluid
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	783
Applicable Applications for anti-MUSK antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Conjugation	Unconjugated
Immunogen	Purified recombinant extracellular fragment of human MUSK (aa24-209) fused with hIgGFc tag expressed in HEK293 cell line.
Subcellular location	Cell junction, Cell membrane, Membrane, Postsynaptic cell membrane, Synapse
Preparation and Storage	Store at +4 degree C short term.Store at -20 degree C long term. Avoid freeze / thaw cycle.

IMAGES



IF (Immunofluorescence)
Confocal immunofluorescence analysis of HEK293 cells trasfected with extracellular MUSK (aa24- 209)-hIgGFc using MUSK mouse mAb (green).Blue: DRAQ5 fluorescent DNA dye.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffinembedded human lung cancer (A), muscles (B) and breast cancer (C) using MUSK mouse mAb with DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-MUSK antibody	MuSK (Muscle Specific Kinase) is a receptor tyrosine kinase required for the formation of the neuromuscular junction (NMJ). It induces cellular signaling by causing the addition of phosphate molecules to particular tyrosines on itself, and on proteins which bind the cytoplasmic domain of the receptor.

NCBI AND UNIPROT INFORMATION

NCBI GI #	261878455
NCBI GeneID	4593
NCBI Accession #	NP_001159752.1
NCBI GenBank Nucleotide #	NP_001159752.1
UniProt Accession #	O15146
Molecular Weight	97kDa
NCBI Official Full Name	muscle, skeletal receptor tyrosine-protein kinase isoform 2
NCBI Official Synonym Full Names	muscle associated receptor tyrosine kinase
NCBI Official Symbol	MUSK
NCBI Official Synonym Symbols	CMS9; FADS; FADS1
NCBI Protein Information	muscle, skeletal receptor tyrosine-protein kinase
UniProt Protein Name	Muscle, skeletal receptor tyrosine-protein kinase
UniProt Gene Name	**MUSK**
UniProt Synonym Gene Names	MuSK
UniProt Entry Name	MUSK_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/musk-antibody-clone-10a4-immunocytochemistry-immunohistochemistry-elisa/268514