

## Anti-MUSK antibody (24-209) [10A4] (STJ98259)

STJ98259

### GENERAL INFORMATION

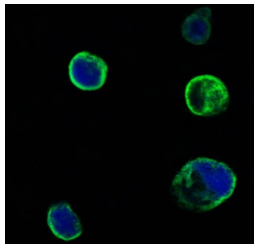
|                          |  |
|--------------------------|--|
| <b>Product Type</b>      | Primary antibodies   |
| <b>Short Description</b> | Mouse monoclonal antibody anti-Muscle-Skeletal Receptor Tyrosine-Protein Kinase (24-209) is suitable for use in Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications. |
| <b>Applications</b>      | IHC-P, IF, ICC, ELISA  |
| <b>Host/Source</b>       | Mouse  |
| <b>Reactivity</b>        | Human  |

### PRODUCT PROPERTIES

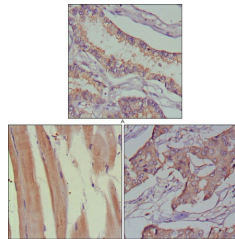
|                            |  |
|----------------------------|--|
| <b>Clonality</b>           | Monoclonal   |
| <b>Clone ID</b>            | 10A4   |
| <b>Concentration</b>       |  |
| <b>Conjugation</b>         | Unconjugated   |
| <b>Purification</b>        | The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads. |
| <b>Dilution Range</b>      | IHC 1:200-1:1000<br>IF 1:200-1:1000<br>ELISA 1:10000   |
| <b>Formulation</b>         | Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.   |
| <b>Isotype</b>             | IgG1   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                         |

### TARGET INFORMATION

|                           |   |
|---------------------------|---|
| <b>Gene ID</b>            | 4593  |
| <b>Gene Symbol</b>        | MUSK  |
| <b>Uniprot ID</b>         | MUSK_HUMAN  |
| <b>Immunogen</b>          | Purified recombinant extracellular fragment of human MuSK (aa24-209) fused with hlgGfc tag expressed in HEK293 cell line.   |
| <b>Immunogen Region</b>   | 24-209  |
| <b>Specificity</b>        | MUSK monoclonal antibody (Muscle-Skeletal Receptor Tyrosine-Protein Kinase) binds to endogenous Muscle-Skeletal Receptor Tyrosine-Protein Kinase at the amino acid region 24-209. |
| <b>Immunogen Sequence</b> |   |



Confocal immunofluorescence analysis of HEK293 cells transfected with extracellular MUSK (aa24-209)-hlgGfc using MUSK monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemistry analysis of paraffin-embedded human lung cancer (A), muscles (B) and breast cancer (C) with DAB staining using MUSK monoclonal antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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