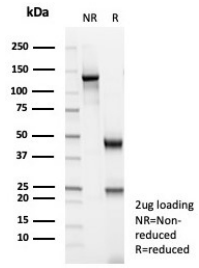
Actin Antibody MSA/8949R / Muscle Specific Actin Rabbit Monoclonal Antibody [clone MSA/8949R] (V4811)

Catalog No.	Formulation	Size
V4811-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4811-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4811SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	MSA/8949R
Purity	Protein A/G affinity
UniProt	P62736, P68032, P68133
Localization	Cytoplasm
Applications	ELISA (Order BSA-free format for coating)
Limitations	This Actin Antibody MSA/8949R / Muscle Specific Actin Rabbit Monoclonal Antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free Actin Antibody MSA/8949R as confirmation of integrity and purity.

Description

Actin Antibody MSA/8949R / Muscle Specific Actin Rabbit Monoclonal Antibody recognizes actin of skeletal, cardiac, and smooth muscle cells. It is not reactive with other mesenchymal cells except for myoepithelium. Actin can be resolved on the basis of its isoelectric points into three distinctive components: alpha, beta, and gamma in order of increasing isoelectric point. Anti-muscle specific actin recognizes alpha and gamma isotypes of all muscle groups. Non-muscle cells such as vascular endothelial cells and connective tissues are non-reactive. Also, neoplastic cells of non-muscle-derived tissue such as carcinomas, melanomas, and lymphomas are negative. It stains tumors of smooth muscle (leiomyomas and leiomyosarcomas) as well as skeletal muscle (rhabdomyomas and rhabdomyosarcomas).

For an alternative antibody recognizing muscle-specific actin isoforms, see our Muscle Actin Antibody HHF35, a mouse monoclonal antibody with extensive research use and validation by western blot and immunohistochemistry.

Application Notes

Optimal dilution of the Actin Antibody MSA/8949R / Muscle Specific Actin Rabbit Monoclonal Antibody should be determined by the researcher.

Immunogen

Recombinant human muscle actin protein was used as the immunogen for the Actin Antibody MSA/8949R.

Storage

Aliquot the Actin Antibody MSA/8949R and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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