

Anti-Muscle Actin Antibody [rMSA/953] - BSA and Azide free (A278531)

Specifications:

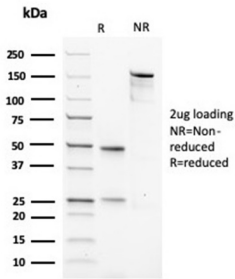
Name:	Anti-Muscle Actin Antibody [rMSA/953] - BSA and Azide free
Description:	Recombinant mouse monoclonal [rMSA/953] antibody to Muscle Actin.
Specificity:	This antibody recognizes actin of skeletal, cardiac, and smooth muscle cells. It is not reactive with other mesenchymal cells except for myoepithelium. 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).
Applications:	WB, IHC-P
Recommended Dilutions:	WB: 0.5-1 µg/ml, IHC-P: 0.5-2 µg/ml
Reactivity:	Human, Rabbit, Rat
Immunogen:	Recombinant fragment corresponding to human Muscle Actin. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	rMSA/953
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Muscle Actin Antibody [rMSA/953] (A277943).

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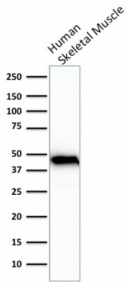
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



SDS-PAGE analysis of Anti-Muscle Actin Antibody [rMSA/953] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Western blot analysis of human skeletal muscle tissue lysate using Anti-Muscle Actin Antibody [rMSA/953].