

Anti-Muscle Actin Antibody [HHF35] (A250877)

Specifications:

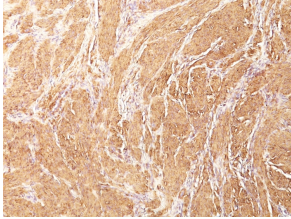
Name:	Anti-Muscle Actin Antibody [HHF35]
Description:	Mouse monoclonal [HHF35] antibody to Muscle Actin.
Specificity:	This antibody recognizes actin of skeletal, cardiac, and smooth muscle cells. It is not reactive with other mesenchymal cells except for myoepithelium. Actin can be resolved on the basis 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:	Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 0.25-0.5 µg/ml
Reactivity:	Human, Rabbit, Feline, Canine, Mouse, Rat, Chicken
Immunogen:	SDS extract of human myocardium.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	HHF35
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
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 without BSA and Sodium Azide - Anti-Muscle Actin Antibody [HHF35] - BSA and Azide free (A254057).

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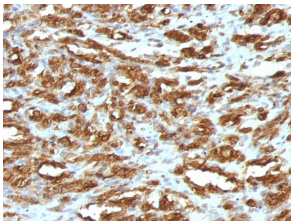
Specifications continued:

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

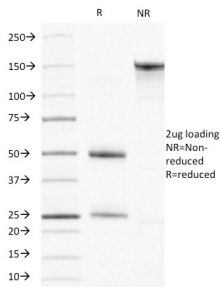
Images:



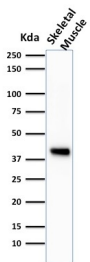
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human leiomyosarcoma using Anti-Muscle Actin Antibody [HHF35].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human rhabdomyosarcoma using Anti-Muscle Actin Antibody [HHF35].



SDS-PAGE analysis of Anti-Muscle Actin Antibody [HHF35] 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 skeletal muscle tissue lysate using Anti-Muscle Actin Antibody [HHF35].