

Product Datasheet

Actin (Muscle Specific) Antibody (HHF35 + MSA/953) - IHC- Prediluted NBP2-48194

Unit Size: 7 ml

Store at 4C.

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NBP2-48194

Actin (Muscle Specific) Antibody (HHF35 + MSA/953) - IHC-Prediluted

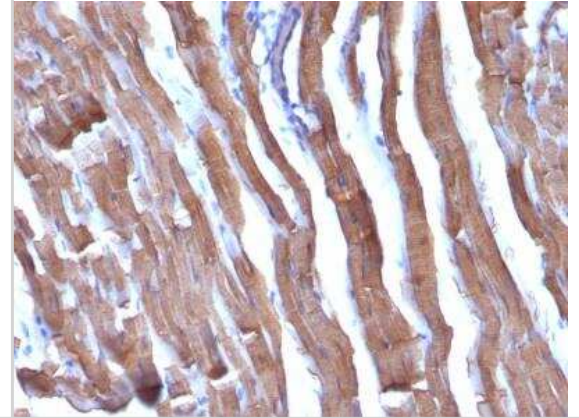
Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	HHF35 + MSA/953
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	58
Gene Symbol	ACTA1
Species	Human, Rat, Canine, Feline, Rabbit
Marker	Muscle Cell Marker
Specificity/Sensitivity	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).
Immunogen	Recombinant human Actin (Muscle Specific) fragment
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 0.25-0.5ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

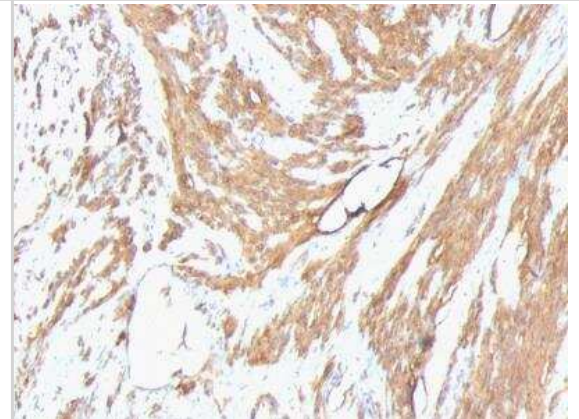
Immunohistochemistry-Paraffin: Actin (Muscle Specific) Antibody (HHF35 + MSA/953) - IHC-Prediluted [NBP2-48194] - Formalin-fixed, paraffin-embedded Rat Stomach stained with Muscle Specific Actin MAb (HHF35 + MSA/953)



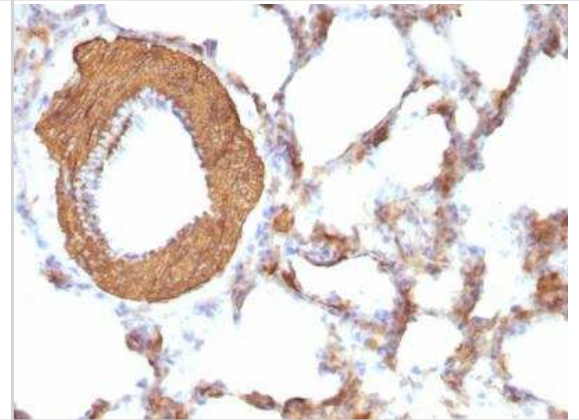
Immunohistochemistry-Paraffin: Actin (Muscle Specific) Antibody (HHF35 + MSA/953) - IHC-Prediluted [NBP2-48194] - Formalin-fixed, paraffin-embedded Rat Heart stained with Muscle Specific Actin Monoclonal Antibody (HHF35 + MSA/953)



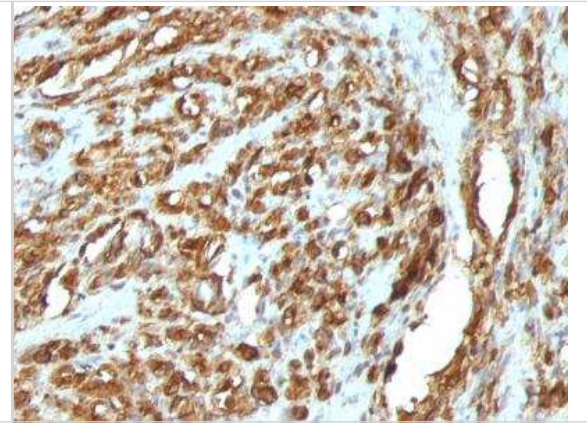
Immunohistochemistry-Paraffin: Actin (Muscle Specific) Antibody (HHF35 + MSA/953) - IHC-Prediluted [NBP2-48194] - Formalin-fixed, paraffin-embedded human Leiomyosarcoma stained with Muscle Specific Actin Monoclonal Antibody (HHF35 + MSA/953)



Immunohistochemistry-Paraffin: Actin (Muscle Specific) Antibody (HHF35 + MSA/953) - IHC-Prediluted [NBP2-48194] - Formalin-fixed, paraffin-embedded Rat Lung stained with Muscle Specific Actin MAb (HHF35 + MSA/953)



Immunohistochemistry-Paraffin: Actin (Muscle Specific) Antibody (HHF35 + MSA/953) - IHC-Prediluted [NBP2-48194] - Formalin-fixed, paraffin-embedded human Rhabdomyosarcoma stained with Muscle Specific Actin MAb (HHF35 + MSA/953)





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Products Related to NBP2-48194

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
664-LI-025	LIGHT/TNFSF14 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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