

Product Datasheet

Actin (Muscle Specific) Antibody (HHF35 + MSA/953) [Janelia Fluor® 525] NBP2-47663JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47663JF525

Actin (Muscle Specific) Antibody (HHF35 + MSA/953) [Janelia Fluor® 525]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	HHF35 + MSA/953
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 525
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
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
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, CyTOF-ready, Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-47663JF525

NBP1-43319JF525	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [Janelia Fluor 525]
664-LI-025	LIGHT/TNFSF14 [Unconjugated]
NBP3-50001	Rat Actin (Muscle Specific) ELISA Kit (Colorimetric)
NB300-223	Vimentin Antibody

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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