

Product Datasheet

Myosin heavy chain 11 Antibody (MYH11/923 + SMMS-1) [CoraFluor™ 1] NBP2-47901CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-47901CL1

Myosin heavy chain 11 Antibody (MYH11/923 + SMMS-1) [CoraFluor™ 1]

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. Do not freeze.
Clonality	Monoclonal
Clone	MYH11/923 + SMMS-1
Preservative	No Preservative
Isotype	IgG1 Kappa/IgG1 Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	4629
Gene Symbol	MYH11
Species	Human, Rat
Reactivity Notes	Predicted to have broad species reactivity.
Marker	Leiomyosarcoma & Myoepithelial Cell Marker
Specificity/Sensitivity	Smooth muscle myosin heavy chain (SM-MHC) is a cytoplasmic structural protein, which is a major component of the contractile apparatus in smooth muscle cells. Expression of smooth muscle myosin is developmentally regulated, appearing early in smooth muscle development, and is specific for smooth muscle development. Two isoforms of smooth muscle myosin heavy chain have been identified, designated MHC-1 and MHC-2. The antibody may be useful for the study of breast tumors as the presence of an intact layer of myoepithelial cells is an important feature, which may distinguish benign breast lesions and carcinoma in situ from invasive tumors.
Immunogen	Recombinant human Myosin heavy chain 11 protein (Myosin heavy chain 11/923); Human uterus extract (SMMS-1) (Uniprot: P35749)
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254
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 NBP2-47901CL1

NBP1-87026PEP	Myosin heavy chain 11 Recombinant Protein Antigen
NBP3-39536	Human Myosin heavy chain 11 ELISA Kit (Colorimetric)
NB100-59787	PML Protein Antibody - BSA Free
NB600-507	Transgelin/TAGLN/SM22 alpha 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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