Product Datasheet

Fast skeletal myosin light chain 1 Antibody (MY-21)
NB120-11082

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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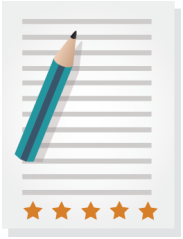
Updated 5/23/2024 v.20.1



NB120-11082

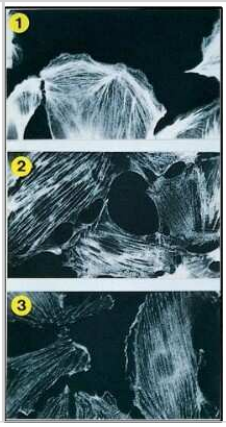
Fast skeletal myosin light chain 1 Antibody (MY-21)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MY-21
Preservative	0.9% Sodium Azide
Isotype	IgM
Purity	Unpurified
Buffer	Ascites

Product Description	
Host	Mouse
Gene ID	4632
Gene Symbol	MYL1
Species	Human, Porcine, Bovine, Chicken, Rabbit
Reactivity Notes	Cross-reacts with Human, Cow, Chicken, Pig and Rabbit. Not yet tested in other species.
Specificity/Sensitivity	Reacts in immunoblotting with the 20 kDa light chains of SDS, heat-denatured and reduced chicken gizzard, chicken intestine, and pig stomach myosin. Reacts with purified myosin light chains, but shows no reactivity in blotting with intact myosin molecules in their native state. Localizes an epitope on the stress fibers of well spread human and chicken fibroblasts by indirect immunofluorescence.
Immunogen	Chicken lens membranes.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	Dot: Use at an assay dependent dilution. The antibody reacts with purified myosin light chains (20,000 daltons) in both the native protein state or an SDS-heat denatured, reduced state. IF: Use at a dilution of 1/200. WB: Use at an assay dependent dilution. Detects a band of approximately 20 kDa.

Images

Immunocytochemistry/Immunofluorescence: Fast skeletal myosin light chain 1 Antibody (MY-21) [NB120-11082] - Immunofluorescent methods on chicken or human fibroblast cells using NB120-11082. The antibody localizes an epitope on stress fibers of well spread cells.	

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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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