



Technical Data Sheet

Product	Anti-Actin (muscle) Alexa Fluor® 488		
Cat. Number/Size	A4-600-C100	0.1 mg	
	For Research Use Only.		
	Not for use in diagnostic or therapeutic procedures.		
Antigen	Actin (muscle)		
Clone	HHF35		
Format	Alexa Fluor® 488		
Reactivity	Human, Chicken, Mouse, Non-human primates, Dog, Rat, Rabbit, Cat		
Application	IHC-P, ICC, WB (verified), IHC-F		
Application details	Western blotting: Recommended dilution: 2 µg/ml; positive control: murine femoral muscle, murine heart; reducing conditions.		
Excitation laser	blue (488 nm)		
Isotype	Mouse IgG1		
Specificity	The mouse monoclonal antibody HHF35 recognizes muscle-specific alpha and gamma actin (42 kDa) in various species. This antibody stains skeletal, smooth and myocardial cells as well as myoepithelial cells and pericytes of small vessels. It is a widely used marker of muscle and muscle-derived cells.		
Other names	Muscle specific actin		
Immunogen	SDS extracted protein fraction of human myocardium		
Concentration	0.1 mg/ml		
Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.		
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide		
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.		
Images and References	www.exbio.cz		

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