



	Technical Data Sheet	
Product	<b>Anti-Actin (muscle) Purified</b>	
Cat. Number/Size	<b>11-600-C025</b>	<b>0.025 mg</b>
	<b>11-600-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	Actin (muscle)	
Clone	HHF35	
Format	Purified	
Reactivity	Human, Chicken, Mouse, Non-human primates, Dog, Rat, Rabbit, Cat	
Application	WB, IHC-P, IHC-F, ICC	
Application details	Western blotting: Recommended dilution: 1 µg/ml; positive control: murine femoral muscle, murine heart, negative control: HUVEC line; reducing conditions. Immunohistochemistry (paraffin sections): Antigen retrieval steps generally not required, but e.g. in case of arterial smooth muscle cells or myoepithelial cells, pepsin or trypsin pretreatment is recommended.	
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	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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