

SGCA

Mouse Anti-Human alpha-sarcoglycan (Adhalin) Clone Ad1/20A6

Catalog No.	MONX10813	Quantity:	1 mL
Description:	Mouse monoclonal antibody that recognizes human alpha-sarcoglycan, also known as adhalin. Recommended for use as part of a panel of antibodies in immunohistochemistry to direct genetic mutation analysis in the diagnosis and differentiation of the recessive muscular dystrophies. In particular, it can be used to identify alpha-sarcoglycanopathy (limb-girdle muscular dystrophy type 2D) and severe childhood autosomal recessive muscular dystrophy (SCARMD) where mutations in the alpha-sarcoglycan gene or defective expression of alpha-sarcoglycan can occur.		
Gene ID:	6442		
UniProtKB:	Q16586		
Concentration:	Total protein: 5.3 mg/mL Ig: 65 µg/ml		
Conjugate:	Unconjugated		
Cross-Reactivity:	Strong crossreactivity with alpha-sarcoglycan in sections of muscle from mouse, rat, rabbit, hamster and pig. Does not react with chicken muscle.		
Host:	Mouse		
Isotype:	IgG1		
Immunogen:	Fusion protein containing amino acids 217 to 289 of the rabbit adhalin sequence		
Clone:	Ad1/20A6		
Formulation:	Liquid from tissue culture supernatant, 15 mM sodium azide.		
Applications:	Immunohistochemistry (IHC) on frozen sections		
Application Notes:	<p><u>IHC Recommended Dilution:</u> 1:100 - 1:200 for one hour at 25 °C</p> <p><u>Specimen Preparation:</u> Freeze specimen tissue blocks in isopentane chilled in liquid nitrogen. The specimens do not require further fixation but should be embedded in OCT compound</p> <p><u>Positive Control Tissue:</u> Skeletal muscle</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Store product at 2-8 °C for up to 1 year. DO NOT FREEZE		
Statement:	PPE is recommended when working with products containing sodium azide.		
	NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.		

