

Mouse monoclonal antibody to skeletal muscle alpha actinin [SA-20]: IgG

Catalogue No.:	M-994-100
Description:	Actinin is a F-actin cross linking protein and is thought to anchor actin to a variety of intracellular structures. At least 4 isoforms of alpha actinin have been found. This antibody reacts specifically with alpha actinin isoform #1.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Rabbit skeletal muscle alpha actinin
Clone:	SA-20
Other Names:	ACTN1;
Accession:	P12814 ACTN1_HUMAN
Produced in:	Mouse
Purity:	IgG
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 3.5 ug/mL is recommended for WB. The predicted length of human actinin (isoform #1) is 892 residues and a MW of 103 kDa. A concentration of 3.5-7.0 ug/mL is recommended to detect alpha actinin in formalin fixed and paraffin embedded tissues. Antigen retrieval is required. Also the recommended titre for formalin/acetone fixed tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; mouse; rat;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN ₃
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase.

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