

Mouse anti-Alpha Smooth Muscle Actin, clone asm-1 (monoclonal)

Clone no. alpha sm-1

MONXtra

Product name	Mouse anti-Alpha Smooth Muscle Actin, clone asm-1 (monoclonal)
Host	Mouse
Applications	IHC-P (1:50)
Species reactivity	human
Conjugate	-
Immunogen	Synthetic amino terminal decapeptide of alpha smooth muscle isoform of actin.
Isotype	IgG2a
Clonality	Monoclonal
Clone number	alpha sm-1
Size	1 ml
Concentration	Greater than or equal to 4,5 mg/L
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Cytoplasmic actins are part of the microfilament system of cytoskeletal proteins. Smooth muscle actin is found in vascular walls, intestinal muscularis mucosae and muscularis propria and in the stroma of various tissues. Enzyme pretreatment may enhance staining in some cases. Human alpha smooth muscle actin. Reactive with smooth muscle cells in blood vessel walls, gut wall, myometrium and arrectores pili of skin. Myoepithelial cells such as those in breast and salivary gland also contain actin.

References

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4. Vicario JH et al. Rev Fed Arg Cardiol. 2002; 31:441-449
5. Barry-Lane PA et al. Journal of Clinical Investigation. 2001; 108(10):1513-1522

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