

Mouse anti-Actin, Muscle Specific, clone HHF35 (Monoclonal)

Clone no. HHF35

MONOSAN

Product name	Mouse anti-Actin, Muscle Specific, clone HHF35 (Monoclonal)
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	HHF35
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% 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

The antibody recognizes actin of skeletal, cardiac, and smooth muscle cells. It is not reactive with other mesenchymal cells except for myoepithelium. Muscle Specific Actin is a part of the actin family of proteins which are highly conserved, major components of the cytoskeleton. Anti-Muscle Specific Actin immunohistochemical reactivity is seen in skeletal, cardiac, and smooth muscle cells and can be seen in neoplasms with muscle differentiation such as leiomyomas and rhabdomyosarcomas. In contrast, antiMuscle Specific Actin reactivity is typically not seen in endothelial cells, connective tissues, carcinomas, melanomas, lymphomas and most nonmyogenic sarcomas

References

1. Gown AM, et al. Am J Pathol. 1986; 125:191
2. Schmidt RA, et al. Am J Pathol. 1988; 131:19-28
3. Azumi N, et al. Mod Pathol. 1988; 1:469-74
4. Rangdaeng S, et al. Am J Clin Pathol. 1991; 96:32-45
5. Tsukada T, et al. Am J Pathol. 1987; 127:389-402

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