Product datasheet MON3347

Mouse anti-Smooth Muscle Myosin, clone SMMS-1 (Monoclonal)

Clone no. SMMS-1

MONOSAN

Product name	Mouse anti-Smooth Muscle Myosin, clone SMMS-1 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietery to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	SMMS-1
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

Mouse anti-Smooth Muscle Myosin, clone SMMS-1 (Monoclonal)

Clone no. SMMS-1

MONOSAN

Additional info

Smooth Muscle Myosin, heavy chain (SMMS-1) is a cytoplasmic structural protein that is a major component of the contractile apparatus of the smooth muscle cells. SMMS-1 is also a myoepitheliumassociated protein. Anti-SMMS-1 is a mouse monoclonal antibody to smooth muscle myosin, heavy chain that reacts with human visceral and vascular smooth muscle cells. The antibody also reacts with human myoepithelial cells. It is very helpful in distinguishing between benign sclerosing breast lesions and infiltrating carcinomas in difficult cases since it strongly stains the myoepithelial layer in the benign lesions while it is negative in the infiltrating carcinomas.

References

1. Werling RW, et al. Am J Surg Pathol. 2003; 27:82-90
2. Agoff SN, et al. Appl Immunohistochem Mol Morphol. 2001; 9:164-9
3. Popnikolov NK, et al. Am J Clin Pathol. 2003; 120:161-7
4. Lazard D, et al. Proc Natl Acad Sci USA. 1993; 90:999-1003
5. -

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES