

Mouse anti-Human MSH6, clone 44 (Monoclonal)

Clone no. 44

MONOSAN

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Product name	Mouse anti-Human MSH6, clone 44 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:25-1:100)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	44
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**

MSH6 is a mismatch repair gene which is deficient in a high proportion of patients with microsatellite instability (MSI-H). This finding is associated with the autosomal dominant condition known as Hereditary Non-Polyposis Colon Cancer (HNPCC). The anti-MSH6 antibody is useful in screening patients and families for this condition. Colon cancers that are microsatellite unstable have a better prognosis than their microsatellite stable counterparts.

**References**

1. Lagerstedt Robinson K, et al. J Natl Cancer Inst. 2007 Feb 21;99(4): 291-9
2. Niessen RC et al. Gut 2006 Dec;55(12):1781-8
3. Lawes DA et al. Br J Cancer. 2005 Aug 22; 93(4):472-7
4. Stormorken AT et al. J Clin Oncol. 2005 Jul 20;23(21):4705-12
5. Rigau V et al. Arch Pathol Lab Med. 2003;127:694-700

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