

Mouse anti-Human MLH1

Clone G168-728

Cat. no. MON 3311

Specificity

MLH1 is a mismatch repair gene that 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-MLH1 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.

Immunoglobulin type

Mouse IgG2a

Use

This antibody can be used in IHC Paraffin sections (1:100 – 1:500)

Presentation

1 ml supernatant in Tris Buffer, pH 7.3-7.7, with 1% BSA and <0.1% Sodium Azide

References

- Wright CL et al. Am J Surg Pathol. 2003;27: 1393-1406
- Brueckl WM et al. Anticancer Research 23: 1773-1778 (2003)
- Rigau V et al. Arch Pathol Lab Med – 127, June 2003: 694-700
- Renkonen E et al. J Clin Oncol 2003; 21: 3629-3637
- Hoedema R. et al. The American Surgeon 2003, May 69(5): 387-92
- Christensen M et al. Cancer 2002;95: 2422-30
- Wahlberg SS et al. Cancer Research 62, 3485-3492, June 15, 2002
- Lanza G et al. Modern Pathology 15: 741-749 (2002)

Storage

Store antibody at 2-8°C until expiry date.

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