

Rabbit MLH1 (RBT-MLH1) Monoclonal Antibody | anti-MLH1 antibody

MLH1 (RBT-MLH1)

CATALOG #
AAA59446

HOST
Rabbit

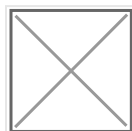
PRODUCT SYNONYMS

MLH1 (RBT-MLH1); Monoclonal Antibody; MLH1; mlh-1; mlh -1; mlh- 1; DNA mismatch repair protein Mlh1; FCC2; hMLH1; HNPCC; HNPCC2; MGC5172; mutL homolog 1 colon cancer nonpolyposis type 2 E coli; MutL protein homolog 1; anti mlh1; anti-mlh1; anti mlh-1; anti-mlh-1; anti-MLH1 antibody

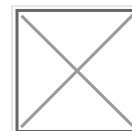
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Form/Format	MLH1 antibody is a rabbit monoclonal antibody for immunohistochemistry derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Control	Control Testis, Tonsil, Colon, Kidney, Colon Carcinoma
Localization	Nuclear

IMAGES



IHC (Immunohistochemistry)
MLH1 Antibody Immunohistochemistry on a FFPE Colon Carcinoma Tissue



Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-MLH1 antibody

MLH1 is a new antibody for immunohistochemistry from Bio SB. MLH1 is a mismatch repair gene of around 87 kDa, commonly associated with Hereditary Non-Polyposis Colorectal Cancer (HNPCC). This gene was identified as a locus frequently mutated in HNPCC. It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Alternatively spliced transcript variants encoding different isoforms have been described, but their full-length natures have not been determined.

In a high proportion of patients with microsatellite instability (MSI-H), the MLH1 protein is typically deficient. This protein deficiency is linked to the autosomal dominant condition of Hereditary Non-Polyposis Colon Cancer. The 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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.