

Datasheet

MLH1 monoclonal antibody (M02), clone M1

Catalog Number: H00004292-M02

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant MLH1.

Clone Name: M1

Immunogen: MLH1 (AAH06850, 1 a.a. ~ 756 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MSFVAGVIRRLDETVVNRIAAGEVIQRPANAIKEMIENC
LDAKSTSIQVIVKEGGLKLIQIQDNGTGIRKEDLDIVCER
FTTSKLSQSFEDLASISTYGFRGEALASISHVAHVTTTKT
ADGKCA YRASYS DGK LKAPPKPCAGNQG TQITVEDLF
YNIATRRKALKNPSEEY GKILEVVGRYSVHNAGISFSV
KKQGETVADVRTL PNA STVDNIRSIFGNAV SRELIEIGC
EDKTLAFKMNGYISNANYSVKKCIFLLFINHRLVESTSL
RKA IETVYAA YLPKNTHPFLYLSLEIS PQNV DVNVHPTK
HEVHFLHEESILERVQQHIESKLLGNSSSRMYFTQTLL
PGLAGPSGEMVKSTTSLTSSSTSGSSDKVYAHQMVR
TDSREQKLD A FLQPLSKPLSSQPQAIVTEDKTDISSGR
ARQQDEEMLELPAPA EVA AKNQSLEGD TTKGTSEMS
EKRGPTSSNPRKRHREDS DVEMVEDDSRKEMTA ACT
PRRRINLTSVLSLQEEINEQGHEVLREMLHNHSFVGC
VNPQWALAQHQTKLYLLNTTKLSEELFYQILIYDFANF
GVLRLSEPA PLFDLAMLALDSPESGWTEEDGPKEGLA
EYIVEFLKKAEM LADYFSLEIDEEGNLIGLPLLIDNYVP
PLEGLPIFILRLATEVNWDEEKECFESLSKECAMFYSIR
KQYISEESTLSGQQSEVPGSIPNSWKWTVEHIVYKALR
SHILPPKHFTEDGNILQLANLPDLYKVFERC

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, PLA-Ce, S-ELISA, WB-Ce, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product

page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4292

Gene Symbol: MLH1

Gene Alias: COCA2, FCC2, HNPCC, HNPCC2, MGC5172, hMLH1

Gene Summary: This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (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. [provided by RefSeq]