

Datasheet

MSH2 monoclonal antibody (M02), clone 4B2

mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. [provided by RefSeq]

Catalog Number: H00004436-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant MSH2.

Clone Name: 4B2

Immunogen: MSH2 (AAH21566, 835 a.a. ~ 934 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

NFPKHVIECAKQKALELEEFQYIGESQGYDIMEPAKK
CYLEREQGEKIIQEFLSKVKQMPFTEMSEENITIKLKQL
KAEVIAKNNSFVNEIISRIKVT

Host: Mouse

Reactivity: Human

Applications: ELISA, PLA-Ce, S-ELISA, WB-Re, WB-Tr
(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: 4436

Gene Symbol: MSH2

Gene Alias: COCA1, FCC1, HNPCC, HNPCC1, LCFS2

Gene Summary: MSH2 was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene