

MLH1 Rabbit pAb

db20137

Package : 20µL 50µL 100µL

Product Name : MLH1 Rabbit pAb**Cat.No.:** db20137**Synonyms** : FCC2; COCA2; HNPCC; hMLH1; HNPCC2**Application** : IHC, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene can heterodimerize with mismatch repair endonuclease PMS2 to form MutL alpha, part of the DNA mismatch repair system. When MutL alpha is bound by MutS beta and some accessory proteins, the PMS2 subunit of MutL alpha introduces a single-strand break near DNA mismatches, providing an entry point for exonuclease degradation. The encoded protein is also involved in DNA damage signaling and can heterodimerize with DNA mismatch repair protein MLH3 to form MutL gamma, which is involved in meiosis. This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). [provided by RefSeq, Aug 2017]

Immunogen

Recombinant protein of human MLH1

Gene ID

4292

Swiss Prot

P40692

Synonyms

FCC2; COCA2; HNPCC; hMLH1; HNPCC2

Reactivity

Human

Application

IHC, ICC/IF, FC

Recommended dilutionIHC: 1:50
ICC/IF: 1:50
FC: 1:20**Calculated MW**

85 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.