

PMS2 (1Y3) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00590

Product information

产品货号	HZ-YMA00590
别名	Mismatch repair endonuclease PMS2;DNA mismatch repair protein PMS2;PMS1 protein homolog 2;PMSL2
产品名称	PMS2 (1Y3) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	PMS2
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	5395
Human Swissprot No.	P54278
稀释度	IHC-P 1:200-1000, WB 1:500-5000, IF-P/IF-F/IF-ICC 1:200-1000, ELISA 1:5000-20000
参考分子量	110kDa
预测分子量	96kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	The protein encoded by this gene is a key component of the mismatch repair system that functions to correct DNA mismatches and small insertions and deletions that can occur during DNA replication and homologous recombination. This protein forms heterodimers with the gene product of the mutL homolog 1 (MLH1) gene to form the MutL-alpha heterodimer. The MutL-alpha heterodimer possesses an endonucleolytic activity that is activated following recognition of mismatches and insertion/deletion loops by the MutS-alpha and MutS-beta heterodimers, and is necessary for removal of the mismatched DNA. There is a DQHA(X)2E(X)4E motif found at the C-terminus of the protein encoded by this gene that forms part of the active site of the nuclease. Mutations in this gene have been associated with hereditary nonpolyposis colorectal cancer (HNPCC; also known as Lynch syndrome) and Turcot syndrome
细胞定位	Nuclear
纯化	Protein A
Clonality	Monoclonal