



Human MLH3 blocking peptide (CDBP1881)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MLH3 antibody
Antigen Description	This gene is a member of the MutL-homolog (MLH) family of DNA mismatch repair (MMR) genes. MLH genes are implicated in maintaining genomic integrity during DNA replication and after meiotic recombination. The protein encoded by this gene functions as a heterodimer with other family members. Somatic mutations in this gene frequently occur in tumors exhibiting microsatellite instability, and germline mutations have been linked to hereditary nonpolyposis colorectal cancer type 7 (HNPCC7). Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MLH3 mutL homolog 3 (E. coli) [Homo sapiens]
Official Symbol	MLH3

Synonyms	MLH3; mutL homolog 3 (E. coli); mutL (E. coli) homolog 3; DNA mismatch repair protein Mlh3; mutL protein homolog 3; HNPCC7; MGC138372;
Entrez Gene ID	27030
mRNA Refseq	NM_001040108
Protein Refseq	NP_001035197
UniProt ID	Q9UHC1
Chromosome Location	14q24.3
Pathway	Meiosis, organism-specific biosystem; Meiotic Recombination, organism-specific biosystem; Mismatch repair, organism-specific biosystem; Mismatch repair, conserved biosystem;
Function	ATP binding; ATPase activity; centromeric DNA binding; chromatin binding; mismatched DNA binding; mismatched DNA binding; protein binding; satellite DNA binding;