



# Human PMS1 blocking peptide (CDBP2334)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-PMS1 antibody
<b>Antigen Description</b>	This gene encodes a protein belonging to the DNA mismatch repair mutL/hexB family. This protein is thought to be involved in the repair of DNA mismatches, and it can form heterodimers with MLH1, a known DNA mismatch repair protein. Mutations in this gene cause hereditary nonpolyposis colorectal cancer type 3 (HNPCC3) either alone or in combination with mutations in other genes involved in the HNPCC phenotype, which is also known as Lynch syndrome. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">PMS1 PMS1 postmeiotic segregation increased 1 (S. cerevisiae) [ Homo sapiens ]</a>
<b>Official Symbol</b>	PMS1
<b>Synonyms</b>	PMS1; PMS1 postmeiotic segregation increased 1 (S. cerevisiae); PMSL1, postmeiotic segregation increased (S. cerevisiae) 1; PMS1 protein homolog 1; mismatch repair gene



PMSL1; human homolog of yeast mutL; DNA mismatch repair protein PMS1;  
rhabdomyosarcoma antigen MU-RMS-40.10B; rhabdomyosarcoma antigen MU-RMS-40.10E;  
PMSL1; hPMS1; HNPCC3; FLJ98259; DKFZp781M0253;

Entrez Gene ID	<a href="#">5378</a>
mRNA Refseq	<a href="#">NM_000534</a>
Protein Refseq	<a href="#">NP_000525</a>
UniProt ID	P54277
Chromosome Location	2q31-q33
Function	ATP binding; ATPase activity; DNA binding; mismatched DNA binding; mismatched DNA binding;