PMS2 recombinant antibody

PMS2 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315037	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

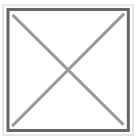
PRODUCT SYNONYMS

PMS2; Monoclonal Recombinant Antibody; PMS2 Rabbit mAb; DNA mismatch repair gene; DNA mismatch repair protein PMS2; HNPCC4; PMS1 protein homolog 2; PMS2 recombinant antibody

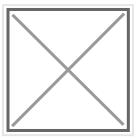
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	PMS2 Antibody detects endogenous levels of total PMS2
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for PMS2 recombinant antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PMS2
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human tonsil, using PMS2 Antibody.



Application Data

ADDITIONAL INFORMATION

Related Product Information for PMS2 recombinant antibody	Assembly of the MutL-MutS-heteroduplex ternary complex in presence of RFC and PCNA is sufficient to activate endonuclease activity of PMS2. It introduces single-strand breaks near the mismatch and thus generates new entry points for the exonuclease EXO1 to degrade the strand containing the mismatch. DNA methylation would prevent cleavage and therefore assure that only the newly mutated DNA strand is going to be corrected.
Product Categories/Family for PMS2 recombinant antibody	Recombinant Rabbit Monoclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505913

NCBI GeneID	5395
NCBI Accession #	NP_000526.1
NCBI GenBank Nucleotide #	NM_000535.5
UniProt Accession #	P54278; Q52LH6; Q5FBW9; Q5FBX1; Q5FBX2; Q75MR2; B2R610
Molecular Weight	95,797 Da
NCBI Official Full Name	mismatch repair endonuclease PMS2 isoform a
NCBI Official Synonym Full Names	PMS2 postmeiotic segregation increased 2 (S. cerevisiae)
NCBI Official Symbol	PMS2
NCBI Official Synonym Symbols	PMSL2; HNPCC4; PMS2CL
NCBI Protein Information	mismatch repair endonuclease PMS2; H_DJ0042M02.9; PMS1 protein homolog 2; DNA mismatch repair protein PMS2
UniProt Protein Name	Mismatch repair endonuclease PMS2
UniProt Gene Name	**PMS2**
UniProt Synonym Gene Names	PMSL2
UniProt Entry Name	PMS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/pms2-recombinant-antibody-flow-cytometry-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315037