

Rabbit anti-Human, Mouse PMS1 Polyclonal Antibody | anti-PMS1 antibody

PMS1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323409	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

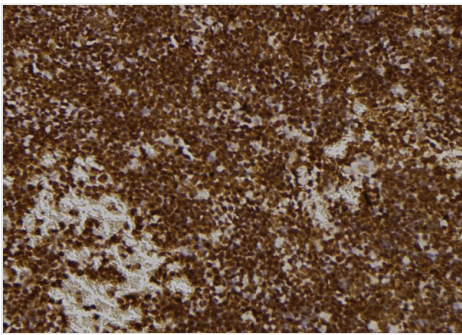
PRODUCT SYNONYMS

PMS1; Polyclonal Antibody; PMS1 Antibody; DNA mismatch repair protein PMS1; FLJ98259; HNPCC3; hPMS1; Human homolog of yeast mutL; Mismatch repair gene PMSL1; pms1; PMS1 postmeiotic segregation increased 1 (*S. cerevisiae*); PMS1 postmeiotic segregation increased 1; PMS1 protein homolog 1; PMS1_HUMAN; PMSL1; Rhabdomyosarcoma antigen MU RMS 40.10B; Rhabdomyosarcoma antigen MU RMS 40.10E; anti-PMS1 antibody

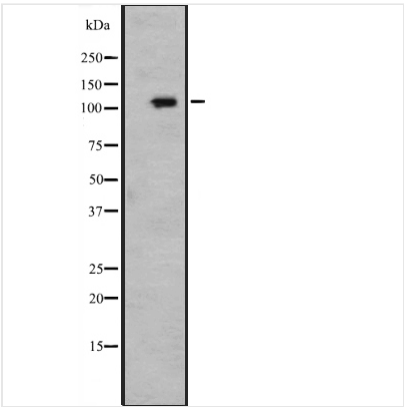
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PMS1 antibody detects endogenous levels of total PMS1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	932
Applicable Applications for anti-PMS1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Conjugation	Unconjugated

IMAGES



IHC (Immunohistochemistry)
AAA323409 at 1/100 staining Mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of PMS1 expression in A549 cell line lysate, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PMS1 antibody	Description: Probably involved in the repair of mismatches in DNA. Subunit Structure: The MutL-beta complex is a heterodimer of PMS1 and MLH1. Similarity: Belongs to the DNA mismatch repair MutL/HexB family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505911
NCBI GeneID	5378
NCBI Accession #	NP_000525.1
NCBI GenBank Nucleotide #	NM_000534.4
UniProt Accession #	P54277; Q4VAL4; Q5FBZ3; Q5FBZ6; Q5FBZ8; D3DPI1
Molecular Weight	Observed: 105 kDa Predicted: 106 kDa
NCBI Official Full Name	PMS1 protein homolog 1 isoform a
NCBI Official Synonym Full Names	PMS1 homolog 1, mismatch repair system component
NCBI Official Symbol	PMS1
NCBI Official Synonym Symbols	MLH2; PMSL1; hPMS1; HNPCC3
NCBI Protein Information	PMS1 protein homolog 1
UniProt Protein Name	PMS1 protein homolog 1
UniProt Gene Name	PMS1
UniProt Synonym Gene Names	PMSL1

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.