Rabbit anti-Human PMS2 Monoclonal Antibody | anti-PMS2 antibody

Anti-PMS2 Rabbit Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA47015	**Rabbit**	**Human**	**Flow Cytometry, Functional Assay, Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

PMS2; Monoclonal Antibody; Anti-PMS2 Rabbit Monoclonal Antibody; Mismatch repair endonuclease PMS2; 3.1.-.-; DNA mismatch repair protein PMS2; PMS1 protein homolog 2; PMSL2; anti-PMS2 antibody

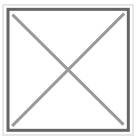
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-chromatography
Form/Format	Liquid; Rabbit IgG in phosphate buffered saline, pH 7.4 , 150 mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5 mg/mL BSA.
Sequence Length	183
Applicable Applications for anti-PMS2 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PMS2.
Preparation and Storage	Store at -20 degree for one year. For short term storage and frequent use, store at 4 degree for up to one month. Avoid repeated freeze/thaw cycles.

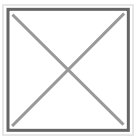
IMAGES

IP (Immunoprecipitation)
Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:3K dilution

IF (Immunofluorescence)
Immunofluorescent analysis using the Antibody at 1:50 dilution.



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



WB (Western Blot)
Figure 1. Western blot analysis of PMS2 using anti-PMS2 antibody (AAA47015). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. ,Lane 1: human Hela whole cell lysates,Lane 2: human Jurkat whole cell lysates ,Lane 3: human K562 whole cell lysates,Lane 4: human U20S whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with mouse anti-PMS2 antigen affinity purified monoclonal antibody (Catalog # AAA47015) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for PMS2 at approximately 120 kDa. The expected band size for PMS2 is at 96 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PMS2 antibody	ANTI-PMS2 Rabbit Monoclonal Antibody MBS179529.
Product Categories/Family for anti-PMS2 antibody	Epigenetics and Nuclear Signaling; DNA/RNA; DNA Damage & Repair; mismatch repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	1015181836
NCBI GeneID	5395
NCBI Accession #	NP_000526.2
NCBI GenBank Nucleotide #	NM_000535.6
UniProt Accession #	P54278; Q52LH6; Q5FBW9; Q5FBX1; Q5FBX2; Q75MR2; B2R610
NCBI Official Full Name	mismatch repair endonuclease PMS2 isoform a
NCBI Official Synonym Full Names	PMS1 homolog 2, mismatch repair system component
NCBI Official Symbol	PMS2
NCBI Official Synonym Symbols	MLH4; PMSL2; HNPCC4; PMS2CL
NCBI Protein Information	mismatch repair endonuclease PMS2
UniProt Protein Name	Mismatch repair endonuclease PMS2
UniProt Gene Name	**PMS2**

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-antibody-flow-cytometry-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/47015