



PMS1 Monoclonal Antibody

Catalog No	BYmab-00496
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PMS1
Protein Name	PMS1 protein homolog 1
Immunogen	The antiserum was produced against synthesized peptide derived from human PMS1. AA range:441-490
Specificity	PMS1 Monoclonal Antibody detects endogenous levels of PMS1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PMS1; PMSL1; PMS1 protein homolog 1; DNA mismatch repair protein PMS1
Observed Band	105kD
Cell Pathway	Nucleus .
Tissue Specificity	Embryonal rhabdomyosarcoma,Gall bladder,PCR rescued clones,
Function	disease:Defects in PMS1 are the cause of hereditary non-polyposis colorectal cancer type 3 (HNPCC3) [MIM:600258]. Mutations in more than one gene locus can be involved alone or in combination in the production of the HNPCC phenotype (also called Lynch syndrome). Most families with clinically recognized HNPCC have mutations in either MLH1 or MSH2 genes. HNPCC is an autosomal, dominantly inherited disease associated with marked increase in cancer susceptibility. It is characterized by a familial predisposition to early onset colorectal carcinoma (CRC) and extra-colonic cancers of the gastrointestinal, urological and female reproductive tracts. HNPCC is reported to be the most common form of inherited colorectal cancer in the Western world, and accounts for 15% of all colon cancers. Cancers in HNPCC originate within benign

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neoplastic polyps termed adenomas. Clinically, HNPCC is often divide

Background

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],

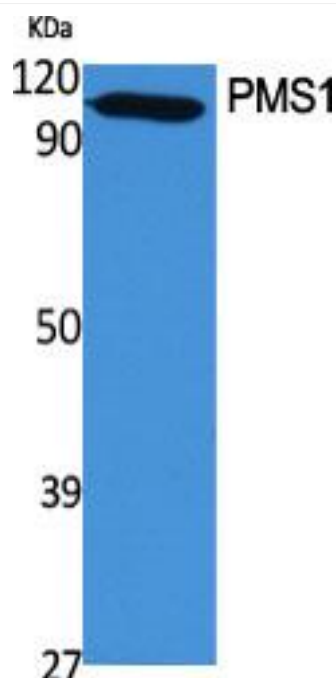
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PMS1 Monoclonal Antibody

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