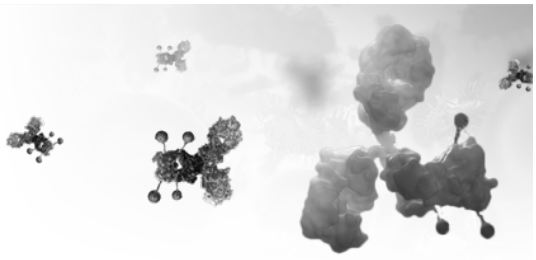

Rabbit Anti-Human PMS2 monoclonal antibody, clone TZ19-10 (CABT-L606)

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

PRODUCT INFORMATION

Target	PMS2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TZ19-10
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, IP, FC
Molecular Weight	96 kDa
Cellular Localization	Nucleus.
Positive Control	Hela, human breast carcinoma tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The finding that mutations in DNA mismatch repair genes are associated with hereditary nonpolyposis colorectal cancer (HNPCC) has resulted in considerable interest in the understanding of the mechanism of DNA mismatch repair. Initially, inherited mutations in the MSH2 and MLH1 homologs of the bacterial DNA mismatch repair genes MutS and MutL were demonstrated at high frequency in HNPCC and were shown to be associated with microsatellite instability. The demonstration that 10 to 45% of pancreatic, gastric, breast, ovarian and small cell lung cancers also display microsatellite instability has been interpreted to suggest that DNA mismatch repair is not restricted to HNPCC tumors but is a common feature in tumor initiation or progression. Two additional homologs of the prokaryotic MutL gene, designated PMS1 and PMS2, have been identified and shown to be mutated in the germline of HNPCC patients.
Keywords	DNA mismatch repair gene homologue;DNA mismatch repair protein PMS2;H_DJ0042M02.9;HNPCC4;Mismatch repair endonuclease PMS2;Mismatch repair gene PMSL2;PMS 2;PMS1 protein homolog 2;PMS2;PMS2 postmeiotic segregation increased 2;PMS2 postmeiotic segregation increased 2 (S. cerevisiae);PMS2_HUMAN;PMS2CL;PMSL2;Postmeiotic segregation increased, S. cerevisiae, 2 antibody

GENE INFORMATION

Entrez Gene ID	5395
UniProt ID	P54278

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