

À des fins de recherche uniquement

Anticorps Monoclonal anti-PMS1

Numéro de catalogue: 68413-1-Ig



Informations de base

Numéro de catalogue: 68413-1-Ig	Numéro d'acquisition GenBank: BC096331	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5378	CloneNo.: 1A6G3
Hôte: Mouse	Nom complet: PMS1 postmeiotic segregation increased 1 (S. cerevisiae)	Dilutions recommandées: WB 1:5000-1:50000 IF 1:500-1:2000
Isotype: IgG2a	MW observés: 106 kDa	
Immunogen Catalog Number: AG28127		

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs:
Spécificité de l'espèce: Humain	WB : cellules Caco-2, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HL-60, cellules Jurkat, cellules K-562, cellules LNCaP, cellules MOLT-4
	IF : cellules Caco-2,

Informations générales

PMS1 Homolog 1 is a member of the DNA mismatch repair enzymes (MMREs) which is to eliminate the mismatch of insertions and deletions as a consequence of DNA polymerase errors at DNA synthesis in eukaryotes. PMS1 and MLH1 could form a heterodimer MutLβ that belongs to MMREs (PMID:25619773). In the MMR system, the MutS complex recognizes the DNA mispairs firstly, and then the Mlh1-Pms1 and other associated proteins such as PCNA, RFC, Exo1 were recruited, inducing Exonuclease 1 (Exo1)-dependent and -independent MMR pathways (PMID:24981171). Mutations in this gene cause hereditary nonpolyposis colorectal cancer (HNPCC), which is also known as Lynch syndrome. It was reported that PMS1 is a widely expressed protein and located in the nucleus. Alternative splicing allows for 4 isoforms of PMS1 protein.

Stockage

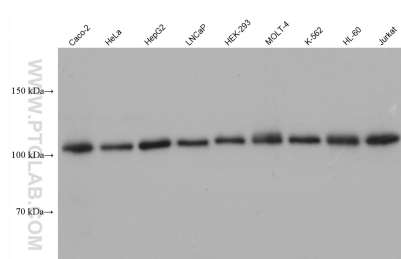
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

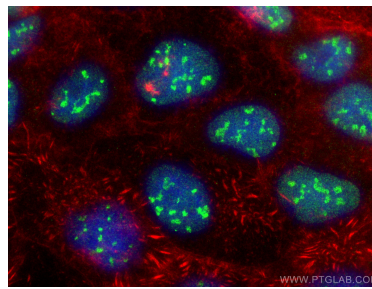
For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68413-1-Ig (PMS1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed Caco-2 cells using PMS1 antibody (68413-1-Ig, Clone: 1A6G3) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).