

À des fins de recherche uniquement

Anticorps Monoclonal anti-PMS2

Numéro de catalogue: 66075-1-Ig **8 Publications**



Informations de base

Numéro de catalogue: 66075-1-Ig	Numéro d'acquisition GenBank: BC093921	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2700 µg/ml by Nanodrop and 1580 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5395	CloneNo.: 1G4E6
Hôte: Mouse	Nom complet: PMS2 postmeiotic segregation increased 2 (S. cerevisiae)	Dilutions recommandées: WB 1:500-1:2000
Isotype: IgG2a	MW calculé: 862 aa, 96 kDa	
Immunogen Catalog Number: AG12661	MW observés: 100 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules A431, cellules HeLa
Demandes citées: IHC, WB	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: canin, Humain, souris	

Informations générales

PMS2, also named as PMSL2, belongs to the DNA mismatch repair mutL/hexB family. It is a component of the post-replicative DNA mismatch repair system (MMR). It heterodimerizes with MLH1 to form MutL alpha. MutL alpha (MLH1-PMS2) interacts physically with the clamp loader subunits of DNA polymerase III, suggesting that it may play a role to recruit the DNA polymerase III to the site of the MMR. It also implicated in DNA damage signaling, a process which induces cell cycle arrest and can lead to apoptosis in case of major DNA damages. (PMID: 16873062, PMID: 18206974) Defects in PMS2 are the cause of hereditary non-polyposis colorectal cancer type 4 (HNPCC4). Defects in PMS2 are a cause of mismatch repair cancer syndrome (MMRCS).

Publications notables

Autrice	Pubmed ID	Journal	Application
Sakuya Inanaga	34538134	Vet Pathol	IHC
Takashi Minamisaka	35614379	Neuropathology	IHC
Xuting Ran	35664732	Front Oncol	IHC

Stockage

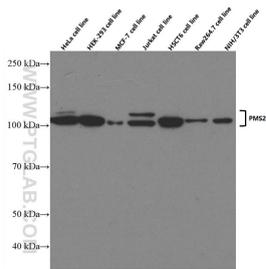
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

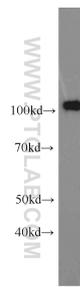
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Vairous cells were subjected to SDS PAGE followed by western blot with 66075-1-Ig (PMS2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



A431 cells were subjected to SDS PAGE followed by western blot with 66075-1-Ig (PMS2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.