

For Research Use Only

MSH2 Recombinant antibody

Catalog Number: 82775-1-RR



Basic Information

Catalog Number: 82775-1-RR	GenBank Accession Number: BC021566	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4436	CloneNo.: 604
Source: Rabbit	Full Name: mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Calculated MW: 105 kDa	
Immunogen Catalog Number: AG7835	Observed MW: 100 kDa-105 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, Caco-2 cells, A549 cells, HCT 116 cells
Species Specificity: Human	

Background Information

MSH2, named for its homologous to the E.coli MutS gene, takes part in DNA mismatch repair(MMR) to maintain the stability of DNA. MSH2 contains a helix-turn-helix domain, which responds for binding to DNA. Also, MSH2 has a direct role in mutation avoidance and micro-satellite stability in cell.

Storage

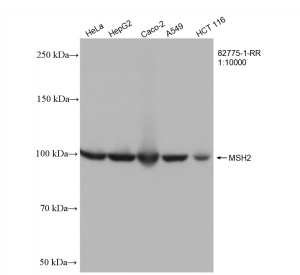
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% 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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82775-1-RR (MSH2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.