

For Research Use Only

MSH2 Recombinant antibody, PBS Only



Catalog Number: 82775-1-PBS

Basic Information

Catalog Number: 82775-1-PBS	GenBank Accession Number: BC021566	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 4436	CloneNo.: 604
Source: Rabbit	UNIPROT ID: P43246	
Isotype: IgG	Full Name: mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	
Immunogen Catalog Number: AG7835	Calculated MW: 105 kDa	
	Observed MW: 100 kDa-105 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

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

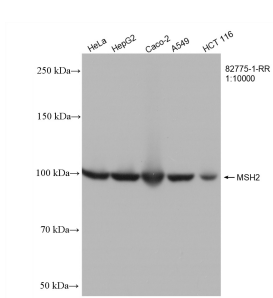
T: 4006900926

E: Proteintech-CN@ptglab.com

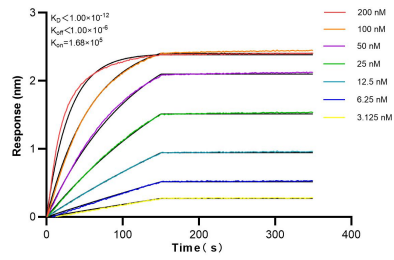
W: ptgcn.com

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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. This data was developed using the same antibody clone with 82775-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82775-1-RR against Human MSH2 were performed. The affinity constant is below 1 pM.