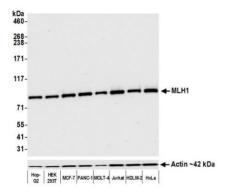
MLH1 Recombinant Monoclonal Antibody [BLR112H]

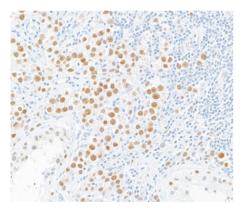
Rabbit Recombinant Monoclonal						
Purified			Protein II	C	NP_000240.1	
Catalog No.	o. A700-112-T		GenelD		4292	DETLIVI
Lot No.	Lot No. A700-112-T-1					LABORATORIES, INC
APPLICATIONS		WB, IP, IHC, ICC				
SPECIES REACTIVITY		Human				
AMOUNT		10 µl (5+ tests)				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt				
PHYSICAL STATE		Liquid				
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA Free				
ISOTYPE		IgG				
CLONE #		BLR112H				
ORIGIN		USA				
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.				
I NOOLDONED		Immunogen was a peptide representing a region between residue 450 and 500 of human DNA mismatch repair protein Mlh1 using the numbering given in entry NP_000240.1 (Gene ID 4292).				
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.				
		Western Blot	1	1:1,	000	
		Immunoprecip	itation (6 µl	/1 mg lysate	
		Immunohistoc	,		00 to 1:500. Epitope retrieval with citrate b ommended for FFPE tissue sections.	puffer pH6.0 is
		Immunocytoch			00 to 1:500. Epitope retrieval with citrate b ommended for FFPE cell sections.	puffer pH6.0 is
			oma, Lung Carcinoma, Ovarian Carcinoma, Seminoma, A–549 Cells, HeLa Cells, OVCAR–4 Cells, PANC–1 Cells			
ADDITIONAL INFO		https://www.bethyl.com/product/A700-112-T				
		Use the link above to view SDS, a current list of citations, and other product specific information.				

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 18, 2020

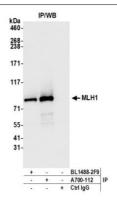
For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



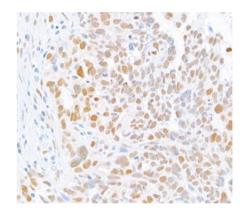
Detection of human MLH1 by western blot. Samples: Whole cell lysate (5 µg) from Hep-G2, HEK293T, MCF-7, PANC-1, MOLT-4, Jurkat, HDLM-2, and HeLa cells prepared using NETN lysis buffer. Antibody: Rabbit anti-MLH1 recombinant monoclonal antibody [BLR112H] (A700-112-T lot 1) used at 1:1000. Secondary: HRPconjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal (A700-057).



Detection of human MLH1 in FFPE testicular seminoma by Immunohistochemistry. *Antibody:* Rabbit anti-MLH1 recombinant monoclonal antibody [BLR112H] (A700-112-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

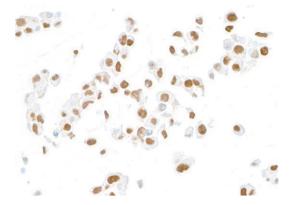


Detection of human MLH1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-MLH1 recombinant monoclonal antibody [BLR112H] (A700-112-T lot 1) used for IP at 6 µl per reaction. MLH1 was also immunoprecipitated by rabbit anti-MLH1 antibody BL1488-2F9. For blotting immunoprecipitated MLH1, A700-112-T was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.



Detection of human MLH1 in FFPE ovarian carcinoma by Immunohistochemistry. *Antibody:* Rabbit anti-MLH1 recombinant monoclonal antibody [BLR112H] (A700-112-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liaboratories inc. shall not be liaboratories of the the responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



Detection of human MLH1 in FFPE PANC-1 cells by ICC. *Antibody:* Rabbit anti-MLH1 recombinant monoclonal antibody [BLR112H] (A700-112-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.