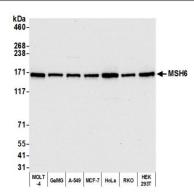
MSH6 Recombinant Monoclonal Antibody [BLR117H]

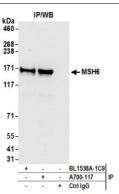
Rabbit Recombinant Monoclonal Purified Catalog No. A700–117–T		Protein ID GeneID	NP_000170. 2956	1				
Lot No.	5					BETHYL LABORATORIES, INC		
APPLICATIONS		WB, IP, IHC, ICC						
SPECIES REACTIVITY		Human						
AMOUNT		10 µl (5+ tests)						
CONCENTRATION		250 μg/ml						
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt						
PHYSICAL STATE		Liquid						
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide						
ISOTYPE		IgG						
CLONE #		BLR117H						
ORIGIN		USA						
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.						
		Immunogen was a peptide representing a region between residue 1310 and the C-terminus (residue 1360) of human DNA mismatch repair protein Msh6 using the numbering given in entry NP_000170.1 (Gene ID 2956).						
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	:1,000				
		Immunoprecip	itation 2	0 µl/1 mg lysate	mg lysate			
		Immunohistocl			itope retrieval with citrate b FFPE tissue sections.	etrieval with citrate buffer pH6.0 is sue sections.		
		Immunocytoch	,	:100 to 1:500. Ep	itope retrieval with citrate b FFPE cell sections.	puffer pH6.0 is		
IHC HUMAN CONTROLS		Breast Carcinoma, Colon Carcinoma, Gastric Carcinoma, Non-Hodgkins Lymphoma, Osteosarcoma, Ovarian Carcinoma, Placenta, Renal Cell Carcinoma, Testicular Seminoma, HeLa Cells, OVCAR-8 Cells						
ADDITIONAL INFO		https://www.bethyl.com/product/A700–117–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: July 23, 2020

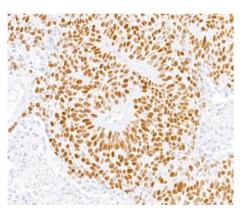
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Detection of human MSH6 by western blot. *Samples:* Whole cell lysate (10 µg) from MOLT-4, GaMG, A-549, MCF-7, HeLa, RKO, and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-MSH6 recombinant monoclonal antibody [BLR117H] (A700-117-T Lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds.



Detection of human MSH6 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-MSH6 recombinant monoclonal antibody [BLR117H] (A700-117-T Lot 1) used for IP at 20 µl/mg lysate. MSH6 was also immunoprecipitated by rabbit anti-MSH6 antibody BL1538A-1C9. For blotting immunoprecipitated MSH6, A700-117-T was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.



Detection of human MSH6 in FFPE testicular seminoma by immunohistochemistry. *Antibody:* Rabbit anti-MSH6 recombinant monoclonal antibody [BLR117H] (A700-117-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human MSH6 in FFPE OVCAR-8 cells by immunocytochemistry. *Antibody:* Rabbit anti-MSH6 recombinant monoclonal antibody [BLR117H] (A700-117-T Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

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