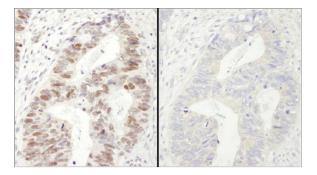
Phospho MCM2 (S40/S41) IHC Antibody

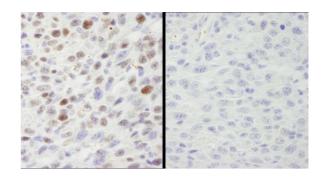
Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	NP_004517.2	
Catalog No. IHC-00079			GenelD	4171	DETLIVI
Lot No.	IHC-00	IC-00079-2			
APPLICATIONS IHC		IHC			
SPECIES REACTIVITY		Human, Mouse			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Rat, X. laevis, X. tropicalis, Bovine, Dog, Horse, Rabbit, Guinea pig_10141, Pig, Panda, Orangutan, Monkey and Gorilla 100 µl			
AMOUNT CONCENTRATION		200 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide			
ISOTYPE		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Phospho MCM2 (S40/S41) immobilized on solid support.			
		Immunogen was a synthetic di-phosphorylated peptide, which represented a portion of human minichromosomal maintenance deficient 2 surrounding Serines 40 and 41 according to the numbering given in entry NP_004517.2 (GeneID 4171).			
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Immunohistochemistry 1:100 – 1:500			
APPLICATION NOTES		Epitope exposure is recommended.			
		Epitope exposure with citrate buffer will enhance staining.			
		Likely to work with frozen sections.			
IHC HUMAN CONTROLS		In some cases, the antibody may be diluted further than indicated. Breast Carcinoma, Colon Carcinoma, Laryngeal Squamous Cell Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Skin Basal Cell Carcinoma, Skin Squamous Cell Carcinoma, Stomach Adenocarcinoma			
IHC MOUSE CONTROLS		Squamous Cell Carcinoma			
ADDITIONAL INFO		https://www.bethyl.com/product/IHC-00079 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 21, 2019

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Detection of human Phospho MCM2 (S40/S41) by immunohistochemistry. *Samples:* FFPE serial sections of human colon adenocarcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho MCM2 (S40/S41). *Antibody:* Affinity purified rabbit anti-Phospho MCM2 (S40/S41) (Cat. No. IHC-00079) used at a dilution of 1:250. *Detection:* DAB staining using anti-rabbit IHC antibody (Cat. No. A120-501P) at a dilution of 1:100.



Detection of mouse Phospho MCM2 (S40/S41) by immunohistochemistry. *Samples:* FFPE serial sections of mouse squamous cell carcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho MCM2 (S40/S41). *Antibody:* Affinity purified rabbit anti-Phospho MCM2 (S40/S41) (Cat. No. IHC-00079) used at a dilution of 1:250. *Detection:* DAB