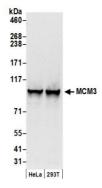
## MCM3 Antibody

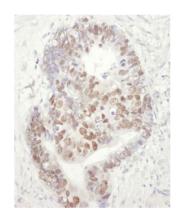
Goat Polyclonal						
Antigen Affinity Purified			Protein ID	NP_002379.2		
Catalog No.	Catalog No. A300–124A		GenelD	4172		DETUVI
Lot No.	A300-	124A-1				LABORATORIES, INC
APPLICATIONS		WB, IHC				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Orangutan				
AMOUNT		100 µl				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt				
PHYSICAL STATE		Liquid				
BUFFER		Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide				
ISOTYPE		IgG				
ORIGIN		USA				
PRODUCTION		Antibody was affinity purified using an epitope specific to MCM3 immobilized on solid support.				
PROCEDURES		The epitope recognized by A300–124A maps to a region between residues 500 and 550 of human Minichromosome Maintenance 3 using the numbering given in entry NP_002379.2 (GeneID 4172).				
		Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.				
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	1:2	,000 - 1:10,000		
		Immunohistoch		00 – 1:1,000. Epitope re ommended for FFPE tissi		uffer pH 6.0 is
APPLICATION NOTES		Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.				
IHC HUMAN CONTROLS		Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma				
ADDITIONAL INFO		https://www.bethyl.com/product/A300-124A 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 MCM3 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified goat anti-MCM3 antibody A300-124A (lot A300-124A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human MCM3 by immunohistochemistry.** *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified goat anti-MCM3 (Cat. No. A300-124A Lot1) used at a dilution of 1:1,000 (1µg/ml). *Detection:* DAB

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