Phospho MCM2 (S108) Antibody

Rabbit Polyclonal

Antigen Affinity Purified		RefSeq ID	NP_004517.2
Catalog No.	A300-094A	Uniprot ID	P49736
Lot No.	5	GeneID	4171

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human, Mouse
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 PROCEDURES	Antibody was affinity purified using a synthetic peptide representing phosphorylation at Serine 108 and surrounding residues of MCM2 immobilized on solid support. Immunogen A300-094A was a synthetic phosphorylated peptide, which represented a portion of human Minichromosomal Maintenance Deficient 2 surrounding Serine 108 according to the numbering given in entry NP_0045117.2 (GeneID 4171). 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	1:5,000 - 1:10,000
Immunoprecipitation	2 - 10 µg/mg lysate
Immunohistochemistry	1:1,000 to 1:5,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS	Breast Carcinoma, Colon Carcinoma, Glioblastoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma, Skin Squamous Cell Carcinoma, Testicular Seminoma
IHC MOUSE CONTROLS	Plasmacytoma, Renal Cell Carcinoma, Teratoma
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 15, 2023

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