

Datasheet for 200-301-P40**MCM7 Antibody****Overview**

Description:	Anti-MCM7 (MOUSE) Antibody - 200-301-P40
Item No.:	200-301-P40
Size:	100 µg
Applications:	WB
Reactivity:	Human
Host Species:	Mouse

Product Details

Background:	Initiation of DNA replication is a complex process involving the concerted action of many proteins. The chromosome 7-linked gene referred to by Nakatsuru et al. (1995) as MCM2 has been designated MCM7. The MCM2-7 complex is comprised of 6 subunits, MCM2 through MCM7, and is a ring-shaped heterohexameric ATPase involved in DNA replication. MCM7 is located in 7q21.3-q22.1. This antibody is suitable for researchers interested in cancer research and Cell Cycle research.
Synonyms:	CDC47, MCM2, P1.1-MCM3, P85MCM, P1CDC47, PNAS146, HOMOLOG OF S. CEREVISIAE CDC47, MCM7 minichromosome maintenance deficient 7 (S. cerevisiae), minichromosome maintenance deficient (S. cerevisiae) 7, MINICHROMOSOME MAINTENANCE complex component 7
Host Species:	Mouse
Clonality:	Monoclonal
Clone ID:	DCS-141
Format:	IgG1

Target Details

Gene Name:	MCM7
Reactivity:	Human
Immunogen Type:	Recombinant Protein

Immunogen:	Mcm7 antibody was produced in mice by repeated immunizations with recombinant protein corresponding to human Mcm7.
Purity/Specificity:	Anti-MCM7 antibody was purified from mouse ascites by protein A chromatography. This product reacts with human. Cross reactivity with Mcm7 from other sources has not been determined.
Relevant Links:	• UniProtKB - P33993 • GeneID - 4176 • NCBI - NP_001265524.1

Application Details

Tested Applications:	WB
Application Note:	Anti-MCM7 is tested for Immunocytochemistry and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~81.3 kDa corresponding to the appropriate cell lysate or extract.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IHC:	1:100-1:500
WB:	0.5-1ug/ml

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	1.2% sodium acetate
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	2mg BSA
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Neutral PBS

Shipping & Handling

Shipping Condition:	Ambient
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Storage Condition: Store vial at 4° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.