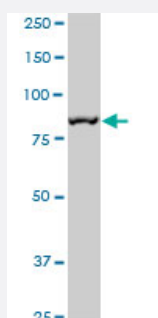


MCM5 monoclonal antibody (M03A), clone 2H8

Catalog # H00004174-M03A

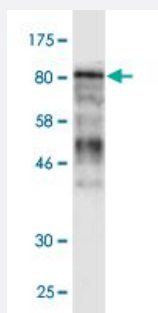
Size 200 uL

Applications



Western Blot (Cell lysate)

MCM5 monoclonal antibody (M03A), clone 2H8. Western Blot analysis of MCM5 expression in HeLa S3 NE (Cat # L013V3).



Western Blot detection against Immunogen (106.48 kDa).

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant MCM5.

Immunogen

MCM5 (AAH00142, 1 a.a. ~ 734 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.

Sequence	MSGFDDPGIFYSDSFGGDAQADEGQARKSQLQRRFKEFLRQYRVGTDRTGFTFKYRDELKRHYN LGEYWIEVEMEDLASFDEDLADLYLKQPAEHLQLLEAAKEVADEVTRPRPSGEEVLQDIQVMLK SDASPSSIRSLKSDMMSHLVKIPGIIAASAVRAKATRISIQCRSCRNTLTNIAMRPGLEGYALPRKCN TDQAGRPKCPLDPYFIMPDKCKCVDFTLKLQELPDAVPHGEMPRHMQLYCDRYLCDKVVPGN RVTIMGIYSIKKFGLTTSRGRDRVGVGIRSSYIRVLGIQVDTDGSGRSFAGAVSPQEEEEFRRLAAL PNVYEVISKSIAPSIFFGGTDMKKAIAACLLFGGSRKRLPDGLTRRGDINLLMLGDPGTAKSQLLKFVE KCSPIGVYTSKGKSSAAGLTASVMRDPSSRNFIIEGGAMVLADGGVVCIDEFDKMREDDRVAIH EAMEQQTISIAKAGITTLNSRCSVLAAANSVFGRWDETKGEDNIDFMPILSRFDMIFVKDEHNEE RDVMLAKHVITLHVSALTQTQAVEGEIDLAKLKKFIAYCRVKCGPRLSAEAAEKLKNRYIIMRSGAR QHERDSRRSSIPITVRQLEAVRIAEALSKMKLQPFATEADVEEALRLFQVSTLDAALSGTL SGVE GFTSQEDQEMLSRIEKQLKRRFAIGSQVSEHSIIKDFTKQKYPEHAHKVLQLMLRRGEIQHRMQRK VLYRLK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (97)
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (106.48 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

MCM5 monoclonal antibody (M03A), clone 2H8. Western Blot analysis of MCM5 expression in Hela S3 NE(Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MCM5

Entrez GeneID

[4174](#)

GeneBank Accession#	BC000142
Protein Accession#	AAH00142
Gene Name	MCM5
Gene Alias	CDC46, MGC5315, P1-CDC46
Gene Description	minichromosome maintenance complex component 5
Omim ID	602696
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is structurally very similar to the CDC46 protein from <i>S. cerevisiae</i>, a protein involved in the initiation of DNA replication. The encoded protein is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation. [provided by RefSeq]
Other Designations	DNA replication licensing factor MCM5 minichromosome maintenance deficient 5, cell division cycle 46 minichromosome maintenance deficient 5 (cell division cycle 46)

Pathway

- [Cell cycle](#)
- [DNA replication](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)