

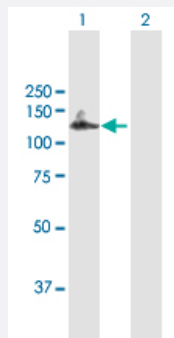
MaxPab®

MCM10 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00055388-B01P

Size 50 ug

Applications

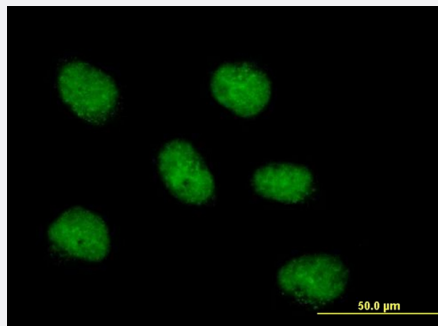


Western Blot (Transfected lysate)

Western Blot analysis of MCM10 expression in transfected 293T cell line ([H00055388-T01](#)) by MCM10 MaxPab polyclonal antibody.

Lane 1: MCM10 transfected lysate(96.14 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MCM10 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MCM10 protein.

Immunogen

MCM10 (NP_060988.3, 1 a.a. ~ 874 a.a) full-length human protein.

Sequence	MDEEEDNLSLLTALLEENESALDCNSEENNFLTRENGEPDAFDELFDADGDGESYTEEADDGET GETRDEKENLATLFGDMEDLTDEEEVPASQSTENRVLPAPAPRREKTNEELQEELRNLQEQMK ALQEQLKVTTIKQTASPARLQKSPEKSPRPPLKERRVQRIQESTCFSAELDVPALPRTKRVARTP KASPPDPKSSSSSRMTSAPSQPLQTISRNKPSGITRGQIVGTPGSSGETTQPICVEAFSGLRLRRPR VSSSTEMNKKMTGRKLIRLSQIKEKMAREKLEEIDWVTFGVILKKVTPQSVNSGKTFSMWKLNDLRD LTQCVSLFLFGEVHKALWKTEQGTVVGILNANPMKPKDGSSEEVCLSIDHPQKVLIMGEALDLGTC KAKKKNGEPCQTQTVNLRDCEYCQYHVQAQYKKLSAKRADLQSTFSGGRIPKKFARRGTSKLERL CQDGFYGGVSSASYAASIAAAVAPKKKIQTTLNLVVKGTNLIQETRQKLGIPQKSLSCSEEFKE LMDLPTCGARNLKQHLAKATASGIMGSPKPAKISASALLKQKQRMLEMRRRKSEEIQKRFLQS SSEVESPAVPSSSRQPPAQPPTGSEFPRLEGAPATMTPKLGRGVLEGDDVLFYDESPPPRPK LSALAEAKKLAAITKLRAKGQVLTKTNPNISIKKKQKDPQDILEVKERVEKNTMFSSQAEELEPAR KKRREQLAYLESEEFQKILKAKSKHTGILKEAEAEMQERYFEPLVKKEQMEEKMRNIREVKCRVV TCKTCAYTHFKLLETVCVSEQHEYHWHDGVKRRFFKCPCGNRSISLDRLPNKHCSNCGLYKWERDG MLKEKTGPKIGGETLLPRGEEHAKFLNSLK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (76)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of MCM10 expression in transfected 293T cell line ([H00055388-T01](#)) by MCM10 MaxPab polyclonal antibody.

Lane 1: MCM10 transfected lysate(96.14 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to MCM10 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MCM10

Entrez GeneID [55388](#)

GeneBank Accession#	NM_018518.3
Protein Accession#	NP_060988.3
Gene Name	MCM10
Gene Alias	CNA43, DNA43, MGC126776, PRO2249
Gene Description	minichromosome maintenance complex component 10
Omim ID	609357
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre-RC) and it may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein can interact with MCM2 and MCM6, as well as with the origin recognition protein ORC2. It is regulated by proteolysis and phosphorylation in a cell cycle-dependent manner. Studies of a similar protein in <i>Xenopus</i> suggest that the chromatin binding of this protein at the onset of DNA replication is after pre-RC assembly and before origin unwinding. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]
Other Designations	MCM10 minichromosome maintenance deficient 10 OTTHUMP00000019133 homolog of yeast MCM10

Disease

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