Rabbit anti-Human MCM6 Monoclonal Antibody | anti-MCM6 antibody

[KD Validated] MCM6 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282882	**Rabbit**	**Human**	**ELISA, Western Blot**

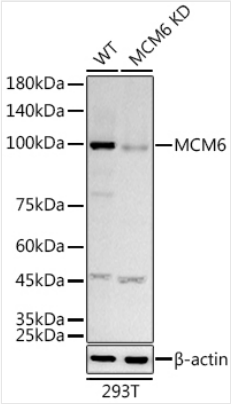
PRODUCT SYNONYMS

MCM6; Monoclonal Antibody; [KD Validated] MCM6 Rabbit mAb; Mis5; P105MCM; MCG40308; [KO/KD Validated] MCM6; anti-MCM6 antibody

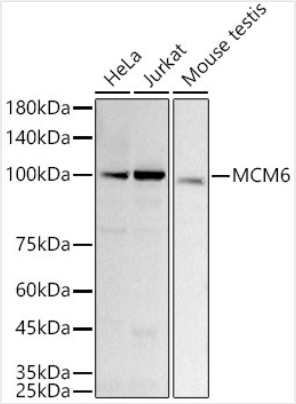
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LRQRDGSGVT KSSWRITVRQ LESMIRLSEA MARMHCCDEV QPKHVKEAFR LLNKSIIRVE TPDVNLDQEE EIQMEVDEGA GGINGHADSP APVNGINGYN EDINQESAPK ASLRLGFSEY CRISNLIVLH LRKVEEEEDE SALKRSELVN WYLKEIESEI DSEEELINKK RIIEKVIHRL THYDHVLIEL TQAGLKGSTE GSESYEEDPY LVVNPNYLLE D
Applicable Applications for anti-MCM6 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 601-821 of human MCM6 (NP_005906.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from wild type (WT) and MCM6 knockdown (KD) 293T cells, using [KD Validated] MCM6 Rabbit mAb (AAA282882) at1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.



WB (Western Blot)
Western blot analysis of various lysates using [KD Validated] MCM6 Rabbit mAb (AAA282882) at1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-MCM6 antibody	The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. The MCM complex consisting of this protein and MCM2, 4 and 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of the complex by CDC2 kinase reduces the helicase activity, suggesting a role in the regulation of DNA replication. Single nucleotide polymorphisms in the intron regions of this gene are associated with differential transcriptional activation of the promoter of the neighboring lactase gene and, thereby, influence lactose intolerance in early adulthood.
Product Categories/Family for anti-MCM6 antibody	Epigenetics Nuclear Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	2497824
NCBI GeneID	4175
UniProt Accession #	Q14566; Q13504; Q99859; B2R6H2
Molecular Weight	Calculated MW: 93kDa Observed MW: 93kDa
UniProt Protein Name	DNA replication licensing factor MCM6
UniProt Gene Name	**MCM6**
UniProt Entry Name	MCM6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/mcm6-antibody-western-blot-elisa/282882