

Product Datasheet

MCM10 Antibody - Azide and BSA Free H0055388-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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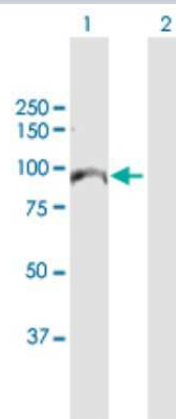
H00055388-D01P

MCM10 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Rabbit
Gene ID	55388
Gene Symbol	MCM10
Species	Human
Immunogen	MCM10 (NP_060988.3, 1 a.a. - 874 a.a.) full-length human protein. MDEEDNLSLLTALLEENESALDCNSEENNFLTRENGEPDAFDELFDADGDGE SYTEEADDGETGETRDEKENLATLFGDMEDLTDEEEVPASQSTENRVLPAPAP RREKTNEELQEELRNLQE QMKALQEQLKVTTIKQTASPARLQKSPEKSPRPL KERRVQRIQESTCFS AELDVPALPRTRKRVARTPKASPPDPKSSSSRMTSAPSQ PLQTISRNKPSGITRGQIVGTPGSSGETTQPICVEAFSGLRRLRRPRVSSTEMNK KMTGRKLIRLSQIKEK MAREKLEEIDWVTFGVILKKVTPQSVNSGKTFSIWKLND LRDLTQCVSLFLFGEVHKALWKTEQGT VVGILNANPMKPKDGSEEVCLSIDHP QKVLIMGEALDLGTCKAKKKNGEPTQT VNLRDCEYCQYHVQAQYKCLS AKR ADLQSTFSGGRIPK KFARRGTS LKERLCQDGFYYGGVSSAS YAASIAAAVAPK KKIQTTL SNLVVKG TNLIQETRQKL GIPQKSLSCSEEFKELMDLPTCGARNLKQ HLAKATASGIMGSPKPAIKSISASALLKQQKQRMLEMRRRKSEEIQKRFLQSS EVESPAVPSSSRQPPAQP PRTGSEFPRLEGAPATMTPKLGRGVLEGDDVLFY DESPPRPKLSALAEAKKLA AITKLRAKGQVLT KTNPN SIKKKQKDPQDILEVKE RVEKNTMFSSQA EDELEPARKKRREQLAYLESEEFQKILKAKSKHTGILKEAEA EMQERYFEPLVKKEQMEEKMRNIREVKCRVVTCKTCAYTHFKLLET CVSEQHE YHWHDGVKRFFKCPCGNRSISLDRLPNKHCSNCGLYKW ERDGM LKEKTGPKI GGETLLPRGEEHAKFLNSLK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:100-1:2000
Application Notes	This antibody is useful for Western Blot, Functional

Images

Western Blot: MCM10 Antibody [H00055388-D01P] - Analysis of MCM10 expression in transfected 293T cell line by MCM10 polyclonal antibody. Lane 1: MCM10 transfected lysate(98.10 KDa). Lane 2: Non-transfected lysate.



Publications

Schmit MM, Baxley RM, Wang L et al. A critical threshold of MCM10 is required to maintain genome stability during differentiation of induced pluripotent stem cells into natural killer cells *Open Biol* 2024-01-24 [PMID: 38262603]

Mace EM, Paust S, Conte MI et al. Human NK cell deficiency as a result of biallelic mutations in MCM10 *J Clin Invest* 2020-09-01 [PMID: 32865517]

Baxley RM, Leung W, Schmit MM et al. Bi-allelic MCM10 variants associated with immune dysfunction and cardiomyopathy cause telomere shortening *Nature communications* 2021-03-12 [PMID: 33712616] (WB, Human)

Mace EM, Paust S, Conte MI et al. Human NK cell deficiency as a result of biallelic mutations in MCM10 *bioRxiv* (WB, Human)



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Products Related to H00055388-D01P

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57966PEP	MCM10 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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