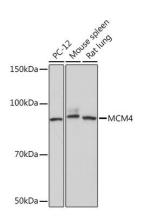
MCM4 Rabbit Monoclonal Antibody

CAB9251



roduct Information	Protein Background
Size:	The protein encoded by this gene is one of the highly conserved mini-chromosome
20uL, 50uL, 100uL, 200uL	maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component or
Observed MW:	the pre-replication complex (pre_RC) and may be involved in the formation of replication fork and in the recruitment of other DNA replication related proteins. The MCM complex consisting
97KDa	of this protein and MCM2, 6 and 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of this protein by CDC2 kinase reduces the DNA
Calculated MW:	helicase activity and chromatin binding of the MCM complex. This gene is mapped to a region
97kDa	on the chromosome 8 head-to-head next to the PRKDC/DNA-PK, a DNA-activated protein kinase involved in the repair of DNA double-strand breaks. Alternatively spliced transcript
Applications:	variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]
WB	Immunogen information
Reactivity:	Gene ID:
Human, Mouse, Rat	4173
	Uniprot P33991
Antibody Information	
Recommended dilutions: WB 1:500 - 1:2000	Synonyms: CDC21; CDC54; NKCD; NKGCD; P1-CDC21; hCdc21
Source:	
Rabbit	Immunogen:
	A synthesized peptide derived from human MCM4
lsotype:	
lgG	Storage:
	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Purification:	



Western blot - MCM4 Rabbit mAb (CAB9251)