

MCM2 antibody

Product Information

Catalog No.:	FNab05057
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	4E3
IsoType:	IgG2a
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Acts as component of the MCM2-7 complex(MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity. Required for the entry in S phase and for cell division.

Immunogen information

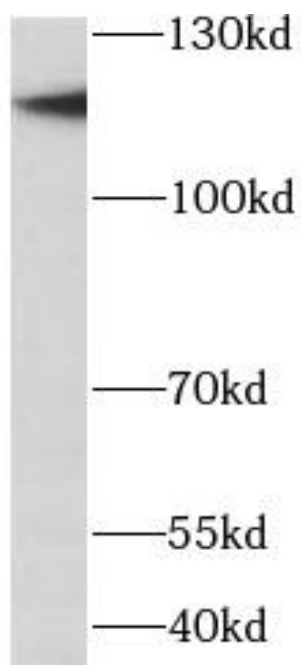
Immunogen:	minichromosome maintenance complex component 2
Synonyms:	DNA replication licensing factor MCM2 Minichromosome maintenance protein 2 homolog Nuclear protein BM28 MCM2 BM28 CCNL1 CDCL1 KIAA0030
Observed MW:	116-125 kDa
Uniprot ID :	P49736

Application

Reactivity:	Human
Tested Application:	ELISA, WB

Recommended dilution: WB: 1:1000-1:2000

Image:



K-562 cells were subjected to SDS PAGE followed by western blot with FNab05057(MCM2 Antibody) at dilution of 1:2000