

MCM7 antibody

Product Information

Catalog No.:	FNab05062
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
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 S-phase checkpoint activation upon UV-induced damage.

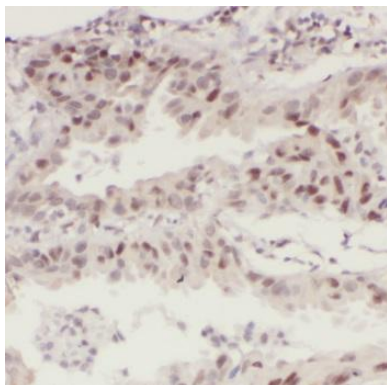
Immunogen information

Immunogen:	minichromosome maintenance complex component 7
Synonyms:	DNA replication licensing factor MCM7 CDC47 homolog P1.1-MCM3 MCM7 CDC47 MCM2
Observed MW:	81 kDa
Uniprot ID :	P33993

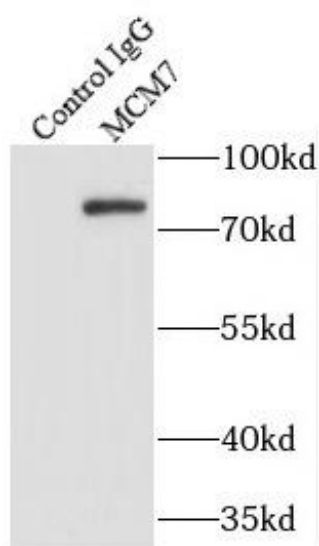
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IP, IHC
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

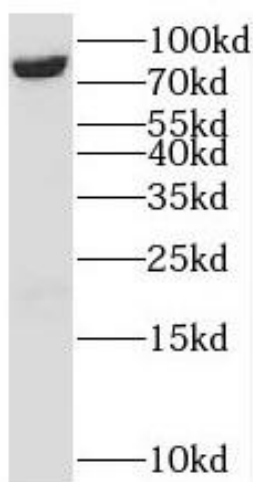
Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab05062(MCM7 Antibody) at dilution of 1:50



IP Result of anti-MCM7 (IP:FNab05062, 4ug; Detection:FNab05062 1:2000) with NIH/3T3 cells lysate 1600ug.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with FNab05062(MCM7 Antibody) at dilution of 1:3000