

Anti-Phospho-MCM2 (Ser41) Antibody (1W78)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Clone:	1W78
Purification:	Affinity-chromatography

Applications

Verified Activity:	All lanes use the p-MCM2 (S41) Antibody, mAb, Rabbit at 1:2000 dilution for 1 hour at room temperature.
Application:	IHC,WB
Recommended	IHC: 1:100-1:200; WB: 1:1000-1:2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human MCM2 around the phosphorylation site of S41
Synonyms:	Minichromosome maintenance protein 2;p-MCM2 (Ser41);MCM2 (p-S41);MCM2;cdc19;p-MCM2 (S41);MCM2 (p-Ser41);CDCL1 Cyclin like 1;BM28;CCNL1

Research Background

Acts as a component of the MCM2-7 complex (MCM complex) which is the replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. Core component of CDC45-MCM-GINS (CMG) helicase, the molecular machine that unwinds template DNA during replication, and around which the replisome is built.

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