

bsm-63314R

[Primary Antibody]

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phospho-MCM2 (S108) Recombinant Rabbit mAb

— DATASHEET —

Host: Rabbit

Isotype: IgG

Clonality: Recombinant

CloneNo.: 1D9

GeneID: 4171

SWISS: P49736

Target: phospho-MCM2 (S108)

Immunogen: A synthesized peptide derived from human MCM2 around the phosphorylation site of S108: TA-pS-QR.

Purification: affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

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.

Applications: WB (1:1000-1:2000)

ICC/IF (1:50-1:200)

IP (1:20-1:50)

Reactivity: Human, Mouse, Rat

Predicted MW.: 102 kDa

Subcellular Location: Nucleus