

Phospho-MCM2 (Ser40) Rabbit mAb

Catalog No: #52698



Package Size: #52698-1 50ul #52698-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

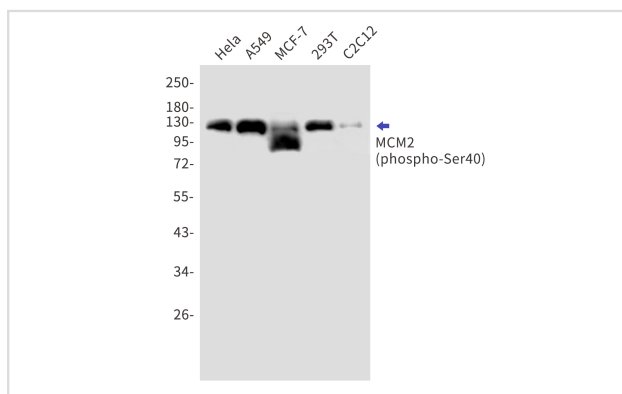
Description

Product Name	Phospho-MCM2 (Ser40) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-1B3
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic phosphopeptide corresponding to residues surrounding Ser40 of human MCM2
Conjugates	Unconjugated
Modification	Phosphorylated
Other Names	BM28; CCN1; CDCL1; cdc19; DFNA70; D3S3194; MITOTIN
Accession No.	Swiss-Prot:P49736GenelD:4171
Calculated MW	Calculated MW:102 kDa,Observed MW:125 kDa
Formulation	50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

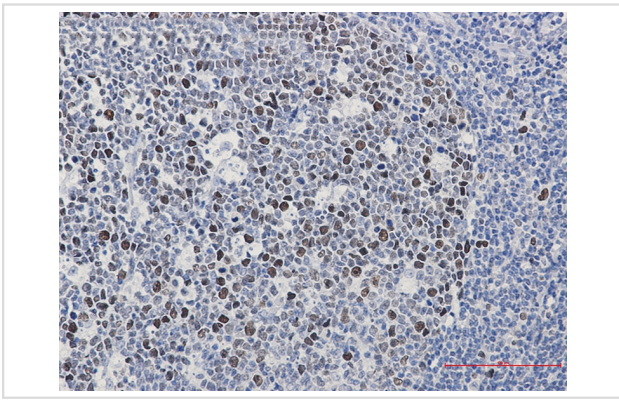
Application Details

WB: 1/1000 IHC: 1/20

Images



Western blot detection of phospho-MCM2(Ser40) in HeLa,A549,MCF-7,293T,C2C12 cell lysates using phospho-MCM2(Ser40) Rabbit mAb(1:1000 diluted).Predicted band size:102kDa.Observed band size:125kDa.



Immunohistochemistry of MCM2 (phospho-Ser40) in paraffin-embedded Human tonsil using MCM2 (phospho-Ser40) Rabbit mAb at dilution 1/50

Background

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. This protein forms a complex with MCM4, 6, and 7, and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated, and thus regulated by, protein kinases CDC2 and CDC7. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq, Oct 2012]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.