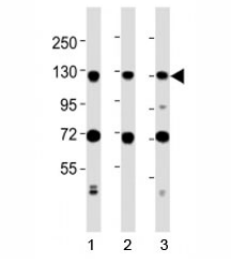
MCM2 Antibody (F51683)

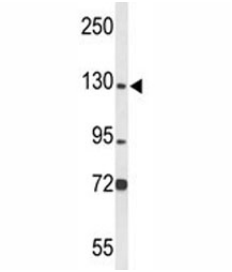
Catalog No.	Formulation	Size
F51683-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51683-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

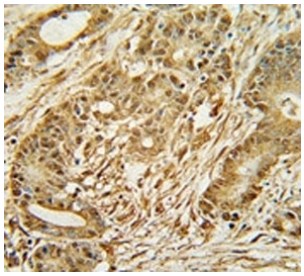
Availability	1-3 business days
Species Reactivity	Human, Mouse
Predicted Reactivity	Xenopus
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P49736
Applications	Western blot: 1:1000-2000 IHC (Paraffin): 1:50-1:100
Limitations	This MCM2 antibody is available for research use only.



Western blot testing of MCM2 antibody at 1:2000 dilution. Lane 1: Jurkat lysate; 2: MCF-7 lysate; 3: NIH3T3 lysate; Predicted molecular weight : 102 kDa.



Western blot analysis of MCM2 antibody and HL-60 lysate



MCM2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma.

Description

MCM2 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.

Application Notes

Titration of the MCM2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 649-677 from the human protein was used as the immunogen for this MCM2 antibody.

Storage

Aliquot the MCM2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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