

MCM3 Rabbit mAb

Catalog No: #59866

Package Size: #59866-1 50ul #59866-2 100ul

Description

Product Name	MCM3 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	MCM3 Antibody detects endogenous levels of total MCM3
Immunogen Description	A synthesized peptide derived from human MCM3
Other Names	MCM3; HCC5; P1-MCM3; P1.h; RLFb;
Accession No.	Uniprot:P25205
Calculated MW	Predicted band size: 91 kDa
SDS-PAGE MW	Observed band size: 100 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

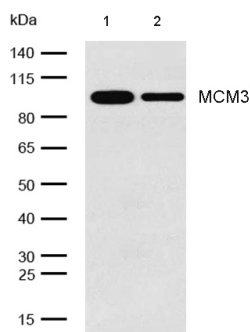
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: MCM3 Rabbit mAb at 1/1k dilution

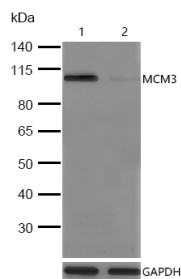
Lane 1 : K562 whole cell lysates Lane 2 : RAW264.7 whole cell lysates
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 91 kDa
Observed band size: 100 kDa

Exposure time: 7 seconds

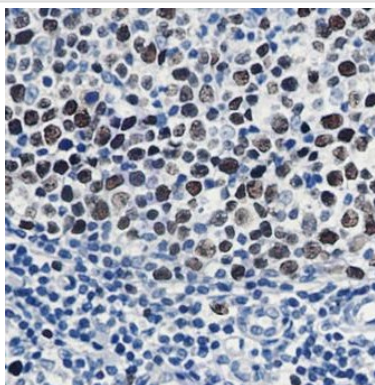


All lanes: MCM3 Rabbit mAb at 1/1k dilution

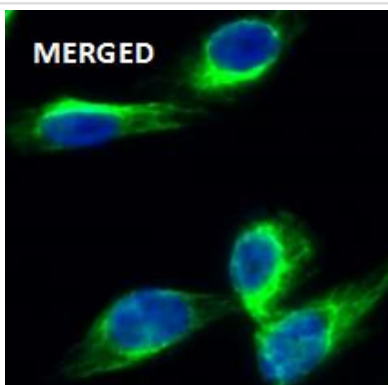
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : MCM3 Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human tonsil tissue stained for MCM3 using 59866 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence MCM3 antibody (59866) ICC/IF staining of MCM3 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59866 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

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.

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