

A Reliable Research Partner in Life Science and Medicine

Recombinant MCM5 Monoclonal Antibody

catalog number: AN301598L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;Mouse

Immunogen Recombinant human MCM5 fragment

Host Rabbit Isotype lgG, κ Clone A301

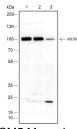
Purification Protein Apurified

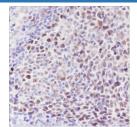
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

1:500-1:1000 **WB IHC** 1:50-1:100 IF 1:50

Data

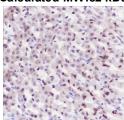


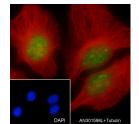


1:1000. Lane 1: Hela, Lane 2: JK, Lane 3: 4T1

Western Blot with MCM5 Monoclonal Antibody at dilution of Immunohistochemistry of paraffin-embedded Human tonsil using MCM5 Monoclonal Antibody at dilution of 1:100.

> Observed-MW:82 kDa Calculated-MW:82 kDa





Immunohistochemistry of paraffin-embedded Rat stomach using MCM5 Monoclonal Antibody at dilution of 1:100.

Immunofluorescent analysis of (100% Ice-cold methanol) fixed Hela cells using anti-MCM5 Monoclonal Antibody at dilution of 1:50.

Rev. V1.0

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com

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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. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity. Interacts with MCMBP.

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 Rev. V1.0