Recombinant MCM5 Monoclonal Antibody

catalog number: **AN301598L**

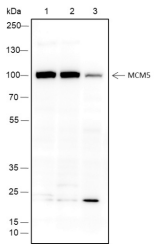
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human MCM5 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	C111221
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100
IF	1:50

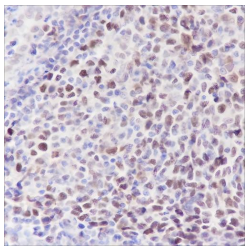
Data



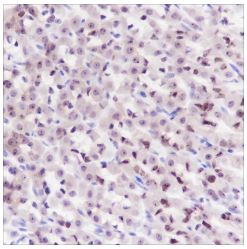
Western Blot with MCM5 Monoclonal Antibody at dilution of 1:1000. Lane 1: Hela, Lane 2: JK, Lane 3: 4T1

Observed-MW:82 kDa

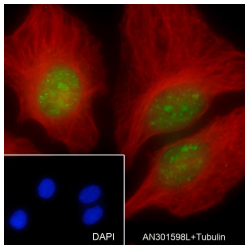
Calculated-MW:82 kDa



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



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.

Preparation & Storage

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

Background

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

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 MCM 2-7 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.