Product Name: MCM7 Rabbit Monoclonal Antibody
Catalog #: AMRe85772

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:10-1:20
Molecular Weight	Calculated MW: 81 kDa; Observed MW: 81 kDa

Antigen Information

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Gene Name	MCM7
Alternative Names	MCM7; CDC47; MCM2; DNA replication licensing factor MCM7; CDC47 homolog; P1.1-MCM3
Gene ID	4176.0
SwissProt ID	P33993
Immunogen	A synthetic peptide of human MCM7

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. The active ATPase sites in the MCM2-7 ring are formed
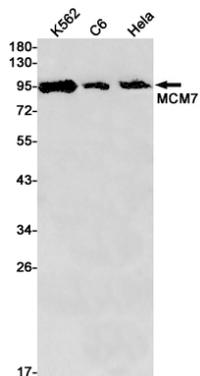
through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit.
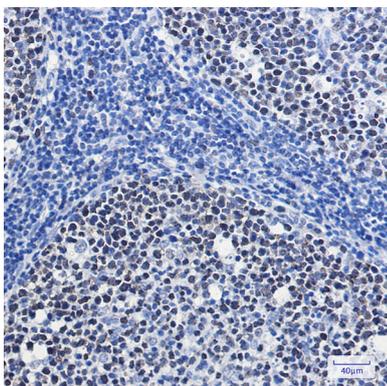
Research Area

Image Data
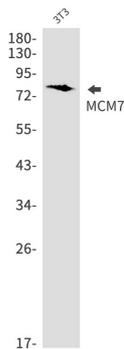
Western blot analysis of MCM7 in 3T3 lysates using MCM7 antibody.

Western blot analysis of MCM7 in K562, C6, Hela lysates using MCM7 antibody.

Immunohistochemistry analysis of paraffin-embedded Human tonsil using MCM7 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.