

Datasheet for ABIN3031803
anti-MCM2 antibody (AA 884-904)[Go to Product page](#)

8 Images

Overview

Quantity:	100 µg
Target:	MCM2
Binding Specificity:	AA 884-904
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Amino acids 884-904 (DLFKFNKFSRDLKRKLILQQF-mouse) were used as the immunogen for this MCM2 antibody.
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	MCM2
Alternative Name:	MCM2 (MCM2 Products)
Background:	MCM2 is a human nuclear protein that plays an important role in onset of DNA replication and cell division. It is similar to members of the family of early S-phase proteins. The hexameric

Target Details

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.

UniProt: [P97310](#)

Pathways: [DNA Damage Repair](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Chromatin Binding](#), [Synthesis of DNA](#)

Application Details

Application Notes: Titration of the MCM2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL,Immunocytochemistry: 0.5-1 µg/mL

Restrictions: For Research Use only

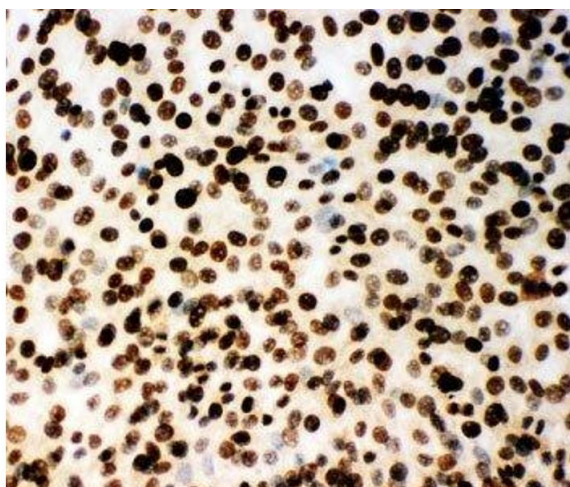
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

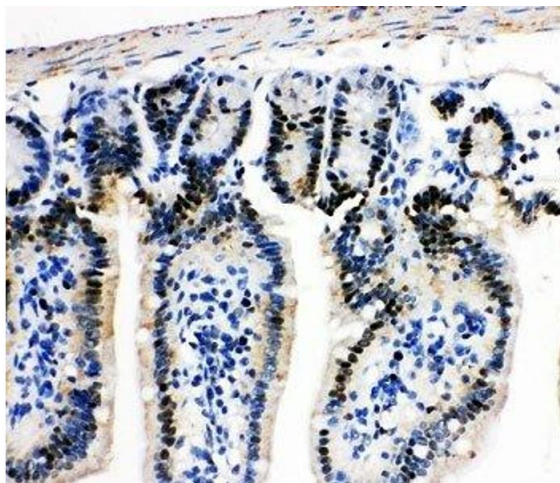
Storage Comment: The lyophilized MCM2 antibody can be stored at 4°C to -20°C. After reconstitution, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



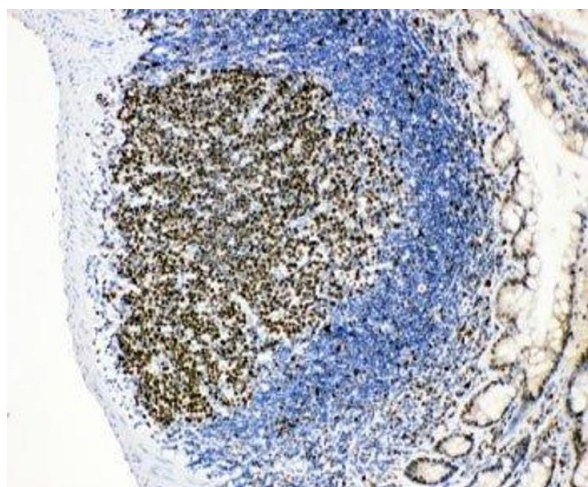
Immunocytochemistry

Image 1. ICC testing of (m) NIH3T3 cells



Immunohistochemistry

Image 2. IHC-P: MCM2 antibody testing of mouse intestine tissue



Immunohistochemistry

Image 3. IHC-P: MCM2 antibody testing of rat intestinal lymphocyte tissue

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN3031803.