

Datasheet for ABIN962070

anti-MCM5 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	0.05 mg
Target:	MCM5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MCM5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Bacterially expressed human Mcm5. Type of Immunogen: Recombinant protein
Clone:	CRCT5-1
Isotype:	IgG2b
Specificity:	Recognizes human Mcm-5 (minichromosome maintenance protein 5), also known as DNA replication licensing factor MCM5 or P1-CDC46. Mcm5 is a nuclear protein of ~95kD with an important role in the control of DNA replication. It has been reported that immunocytochemical assessment of Mcm5 expression may be of value in improving the accuracy of cervical smear testing for the detection of malignancy.

Product Details

Purification: Protein G purified

Target Details

Target: MCM5

Alternative Name: MCM5 ([MCM5 Products](#))

Background: Name/Gene ID: MCM5

Synonyms: MCM5, CDC46, CDC46 homolog, p1-CDC46

Gene ID: 4174

UniProt: [P33992](#)

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

Application Details

Application Notes: Approved: IHC, IHC-P (10 µg/mL), WB

Usage: Immunohistology: This product requires antigen retrieval using heat treatment prior to staining of paraffin sections.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

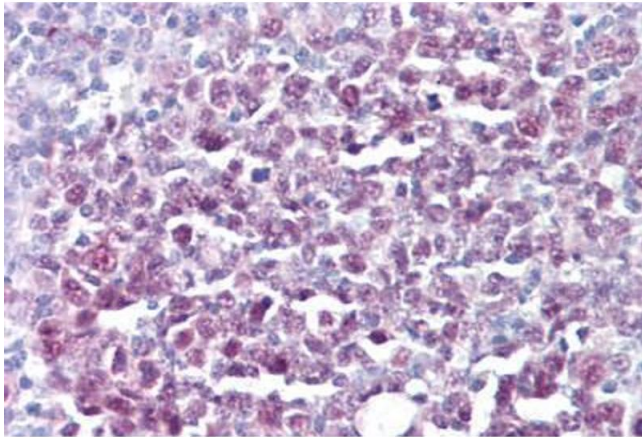
Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C, -20 °C

Handling

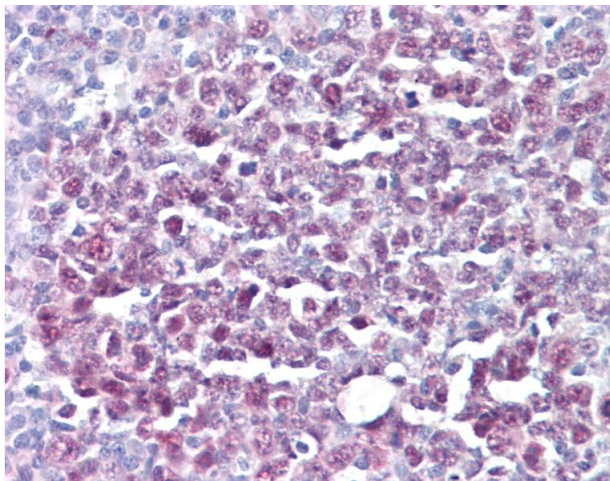
Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-MCM5 antibody IHC staining of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN962070 concentration 10 ug/ml.



Immunohistochemistry

Image 2. Anti-MCM5 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.