

Datasheet for ABIN7384314 **anti-MCM5 antibody**



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Overview

Quantity:	50 µL
Target:	MCM5
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MCM5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Clone:	R05-5E5
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	MCM5
Alternative Name:	MCM5 (MCM5 Products)
Background:	CDC 46,CDC46,CDC46 homolog,Cell division cycle 46,DNA replication licensing factor,MCM 5,MGC5315,Minichromosome maintenance complex component 5 ,P1 CDC46,The protein encoded by this gene is structurally very similar to the CDC46 protein from <i>S. cerevisiae</i> , a protein involved in the initiation of DNA replication. The encoded protein is a member of the

Target Details

	MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation.
Molecular Weight:	Observed_MW: 82kDa Calculated_MW: 82kDa
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:	WB 1:1000-1:2000 IHC 1:50-1:100 IF 1:50-1:100
Restrictions:	For Research Use only

Handling

Concentration:	300 µg/mL
Buffer:	50 mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.