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Datasheet for ABIN7150182
anti-MCM8 antibody (AA 1-67) (Biotin)

Overview

Quantity:	100 µg
Target:	MCM8
Binding Specificity:	AA 1-67
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MCM8 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human DNA helicase MCM8 protein (1-67AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MCM8
Alternative Name:	MCM8 (MCM8 Products)
Background:	Background: Component of the MCM8-MCM9 complex, a complex involved in homologous recombination repair following DNA interstrand cross-links and plays a key role during

Target Details

gametogenesis. The MCM8-MCM9 complex probably acts as a hexameric helicase downstream of the Fanconi anemia proteins BRCA2 and RAD51 and is required to process aberrant forks into homologous recombination substrates and to orchestrate homologous recombination with resection, fork stabilization and fork restart. May also play a non-essential for DNA replication: may be involved in the activation of the prereplicative complex (pre-RC) during G(1) phase by recruiting CDC6 to the origin recognition complex (ORC). Binds chromatin throughout the cell cycle.

Aliases: C20orf154 antibody, dJ967N21.5 antibody, DNA helicase MCM8 antibody, DNA replication licensing factor MCM8 antibody, MCM8 antibody, MCM8_HUMAN antibody, MGC119522 antibody, MGC119523 antibody, MGC12866 antibody, MGC4816 antibody, Minichromosome maintenance 8 antibody, Minichromosome maintenance complex component 8 antibody, REC antibody

UniProt: [Q9UJA3](#)

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

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.