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Datasheet for ABIN7148696

**anti-MUS81 antibody (AA 82-265) (Biotin)**

## Overview

Quantity:	100 µg
Target:	MUS81
Binding Specificity:	AA 82-265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUS81 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Crossover junction endonuclease MUS81 protein (82-265AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	MUS81
Alternative Name:	MUS81 ( <a href="#">MUS81 Products</a> )
Background:	Background: Interacts with EME1 and EME2 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick.

## Target Details

Typical substrates include 3'-flap structures, replication forks and nicked Holliday junctions.  
May be required in mitosis for the processing of stalled or collapsed replication forks.  
Aliases: Crossover junction endonuclease MUS81 antibody, FLJ21012 antibody, FLJ44872 antibody, Mus 81 antibody, MUS81 antibody, MUS81 Endonuclease Homolog antibody, MUS81\_HUMAN antibody

UniProt: [Q96NY9](#)

Pathways: [DNA Damage Repair](#)

## 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.