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Datasheet for ABIN907382

## anti-MUM1 antibody (AA 401-500) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	MUM1
Binding Specificity:	AA 401-500
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUM1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MUM1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Horse
Purification:	Purified by Protein A.

### Target Details

Target:	MUM1
Alternative Name:	MUM1 ( <a href="#">MUM1 Products</a> )

## Target Details

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Background: Synonyms: EXPAND1, FLJ14868, FLJ22283, HSPC211, Melanoma associated antigen mutated 1, Melanoma ubiquitous mutated protein, MGC131891, MGC163315, MUM 1, MUM-1, MUM1, MUM1\_HUMAN, Mutated melanoma associated antigen 1, Mutated melanoma-associated antigen 1, Protein expandere, PWWP domain containing protein MUM1, PWWP domain-containing protein MUM1.

Background: Involved in the DNA damage response pathway by contributing to the maintenance of chromatin architecture. Recruited to the vicinity of DNA breaks by TP53BP1 and plays an accessory role to facilitate damage-induced chromatin changes and promoting chromatin relaxation. Required for efficient DNA repair and cell survival following DNA damage.

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Gene ID: 84939

Pathways: [Chromatin Binding](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months