

For Research Use Only

# MUM1 Recombinant monoclonal antibody

Catalog Number: 87147-1-RR



## Basic Information

Catalog Number:

87147-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3371

GenBank Accession Number:

BC008098

GeneID (NCBI):

84939

UNIPROT ID:

Q2TAK8

Full Name:

melanoma associated antigen (mutated) 1

Calculated MW:

18 kDa, 79 kDa

Observed MW:

80 kDa

Purification Method:

Protein A purification

CloneNo.:

252371H1

Recommended Dilutions:

WB: 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, Jurkat cells, HT-1080 cells, A375 cells, HT-29 cells, HCT 116 cells, fetal human brain tissue

## Background Information

MUM1, also named as EXPAND1, is an architectural component of the chromatin, which in response to DNA damage serves as an accessory factor to promote cell survival. It is a 53BP1-associated DNA damage-responsive factor. MUM1/EXPAND1 is different to another protein IRF4/MUM1.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

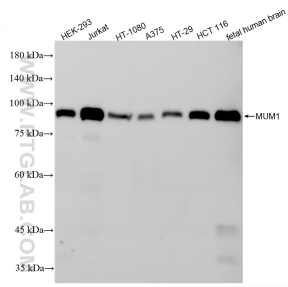
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

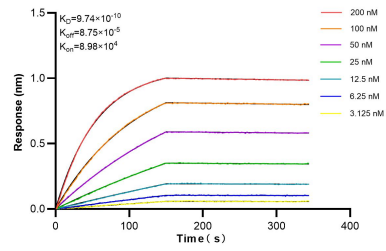
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87147-1-RR (MUM1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87147-1-RR against Human MUM1 were performed. The affinity constant is 0.974 nM.