

For Research Use Only

# MUM1 Monoclonal antibody, PBS Only



Catalog Number: 60353-1-PBS

## Basic Information

<b>Catalog Number:</b> 60353-1-PBS	<b>GenBank Accession Number:</b> BC008098	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 84939	<b>CloneNo.:</b> 3B1D2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q2TAK8	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> melanoma associated antigen (mutated) 1	
<b>Immunogen Catalog Number:</b> AG3371	<b>Calculated MW:</b> 18 kDa, 79 kDa	
	<b>Observed MW:</b> 78-80 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IF

**Species Specificity:**  
human

## 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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

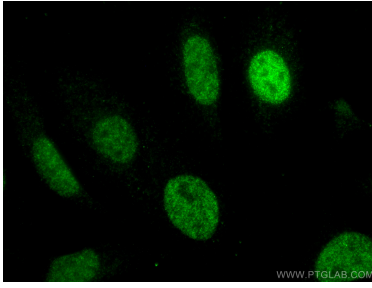
T: 4006900926

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

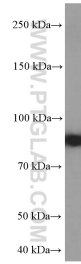
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MUM1 antibody (60353-1-Ig, Clone: 3B1D2 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60353-1-PBS in a different storage buffer formulation.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 60353-1-Ig (MUM1 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60353-1-PBS in a different storage buffer formulation.