

For Research Use Only

RAD1 Monoclonal antibody, PBS Only

Catalog Number: 68637-1-PBS



Basic Information

Catalog Number:

68637-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG33257

GenBank Accession Number:

BC006837

GeneID (NCBI):

5810

UNIPROT ID:

O60671

Full Name:

RAD1 homolog (S. pombe)

Calculated MW:

32 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

1A11E2

Applications

Tested Applications:

WB, FC (Intra), IP, Indirect ELISA

Species Specificity:

human

Background Information

RAD1 is also named as REC1, hRAD1. The human RAD1 and HUS1 proteins associate in a complex that interacts with a highly modified form of RAD9. They concluded that these 3 proteins are central components of a DNA damage-responsive protein complex in human cells. It has 3 isoforms produced by alternative splicing.

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:

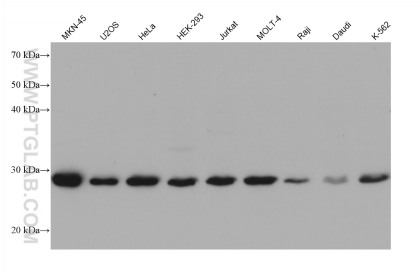
T: 4006900926

E: Proteintech-CN@ptglab.com

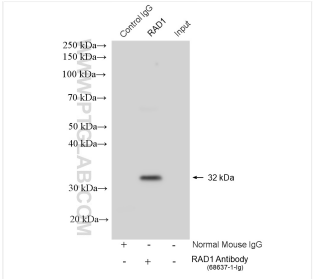
W: ptgcn.com

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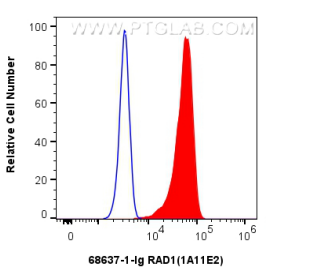
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68637-1-Ig (RAD1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68637-1-PBS in a different storage buffer formulation.



IP result of anti-RAD1 (IP:68637-1-Ig, 4ug; Detection:68637-1-Ig 1:1000) with HeLa cells lysate 1320 ug. This data was developed using the same antibody clone with 68637-1-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug RAD1 Monoclonal antibody (68637-1-Ig, Clone:1A11E2) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG2a isotype control Mouse McAb (66360-2-Ig, Clone: 11A1B2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 68637-1-PBS in a different storage buffer