RAD1 Monoclonal antibody, PBS Only

Catalog Number:68637-1-PBS

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Basic Information

Catalog Number:	68637-1-PBS
Size:	100ug , Concentration: 1mg/ml by Nanodrop;
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.
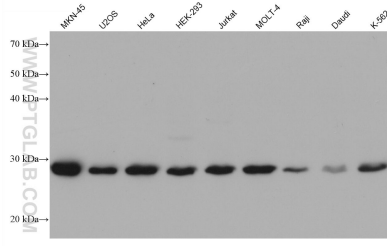
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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.
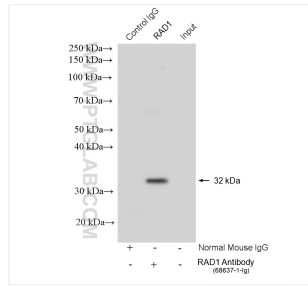
IP result of anti-RAD1 (IP:68637-1-Ig, 4ug; Detection:68637-1-Ig 1:1000) with HeLa cells lysate 1320 ug. This data was developed using the same antibody clone with 68637-1-PBS in a different storage buffer formulation.
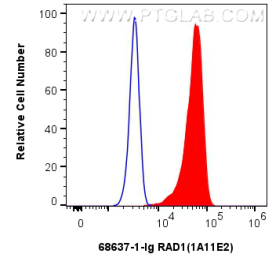
1x10^6 HeLa cells were intracellularly stained with 0.25 ug RAD1 Monoclonal antibody (68637-1-Ig, Clone:1A11E2) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG2a isotype control Mouse McAb (66360-2-Ig, Clone: 11A1B2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 68637-1-PBS in a different storage