

For Research Use Only

CoraLite®594-conjugated RDM1 Monoclonal antibody

Catalog Number:CL594-66941



Basic Information

Catalog Number:

CL594-66941

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG28686

GenBank Accession Number:

BC038301

GeneID (NCBI):

201299

UNIPROT ID:

Q8NG50

Full Name:

RAD52 motif 1

Calculated MW:

284 aa, 32 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

1C10B4

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF/ICC : A549 cells,

Background Information

RDM1, also named as RAD52B, encodes a RNA recognition motif (RRM)-containing protein conferred resistance to the antitumor agent cisplatin. The expression of RDM1 is closely related to the cell proliferation and apoptosis of thyroid carcinoma cells and RDM1 may be a potential marker of lung adenocarcinoma. RDM1 has many isoforms (8 kDa, 12-19 kDa and 25-32 kDa) with long or short N-terminus and a great diversity in the exonic composition of C-terminus generated by alternative pre-mRNA splicing and differential usage of two translational start sites. RDM1 protein can be expressed differently in cytoplasm or nuclear/nucleolar in the absence of stress, proteotoxic stress and mild heat shock, suggesting functional differences among the RDM1 proteins. (PMID: 28939762, 17905820, 28939762, 30069034)

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

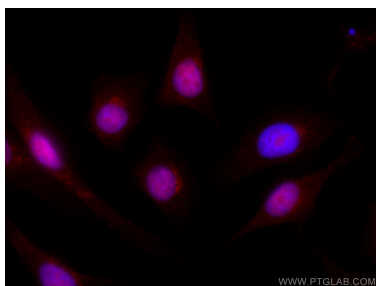
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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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 A549 cells using CoraLite®594 RDM1 antibody (CL594-66941, Clone: 1C10B4) at dilution of 1:200.