

For Research Use Only

ERCC1 Monoclonal antibody

Catalog Number: 66275-1-Ig **1 Publications**



Basic Information

Catalog Number:

66275-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6417

GenBank Accession Number:

BC052813

GeneID (NCBI):

2067

UNIPROT ID:

P07992

Full Name:

excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)

Calculated MW:

33 kDa

Observed MW:

38 kDa

Purification Method:

Protein G purification

CloneNo.:

1H4D5

Recommended Dilutions:

WB 1:1000-1:4000

IF 1:50-1:500

Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : A431 cells,

IF : A431 cells,

Background Information

Excision Repair Cross Complementing 1 (ERCC1) is a structure-specific endonuclease that is responsible for the 5'-incision during DNA repair. It forms a complex with ERCC11, XPF and ERCC4, which are required in both recombinatorial repair and nucleotide excision repair. It has been found that ERCC1, together with RRM1, are determinants of survival after surgical treatment of early-stage, non-small-cell lung cancer. (Ref: Simon, ER. 2005)

Notable Publications

Author	Pubmed ID	Journal	Application
Bin Zhu	31541631	Biochem Pharmacol	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

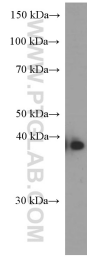
T: 4006900926

E: Proteintech-CN@ptglab.com

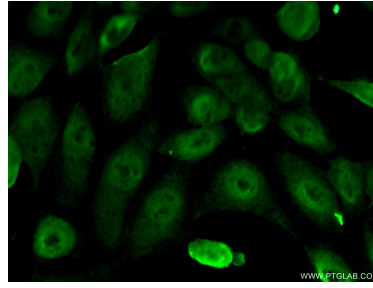
W: ptgcn.com

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Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 66275-1-Ig (ERCC1 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed A431 cells using 66275-1-Ig(ERCC 1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).