

XRCC3 Monoclonal antibody

Catalog Number: 67222-1-Ig

Basic Information

Catalog Number:

67222-1-Ig

Size:

1300 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG13317

GenBank Accession Number:

BC011725

GeneID (NCBI):

7517

UNIPROT ID:

O43542

Full Name:

X-ray repair complementing defective repair in Chinese hamster cells 3

Calculated MW:

38 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

3A12F9

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 µg for 1.0-3.0 mg of total

protein lysate

IHC 1:150-1:600

IF-P 1:200-1:800

Applications

Tested Applications:

IF-P, IHC, IP, WB, ELISA

Species Specificity:

Human, Mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : NCI-H1299 cells, HT-29 cells, Caco-2 cells, HT-1080 cells, HeLa cells, MCF-7 cells, COLO 320 cells

IP : MCF-7 cells,

IHC : mouse testis tissue, human placenta tissue

IF-P : mouse testis tissue,

Background Information

Storage

Storage:

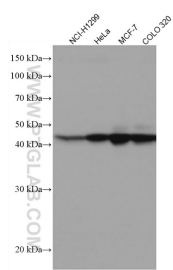
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

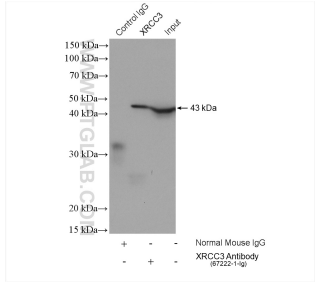
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

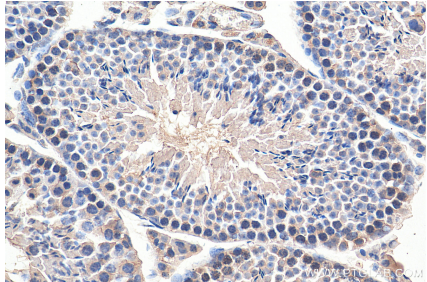
Selected Validation Data



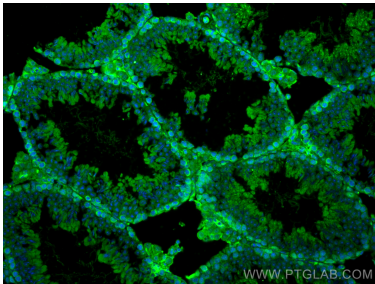
Various lysates were subjected to SDS PAGE followed by western blot with 67222-1-Ig (XRCC3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-XRCC3 (IP:67222-1-Ig, 5ug; Detection:67222-1-Ig 1:500) with MCF-7 cells lysate 640 ug.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 67222-1-Ig (XRCC3 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using XRCC3 antibody (67222-1-Ig, Clone: 3A12F9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).