

For Research Use Only

# XRCC3 Monoclonal antibody

Catalog Number: 67222-1-Ig



## Basic Information

<b>Catalog Number:</b> 67222-1-Ig	<b>GenBank Accession Number:</b> BC011725	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1300 µg/ml	<b>GeneID (NCBI):</b> 7517	<b>CloneNo.:</b> 3A12F9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O43542	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
<b>Isotype:</b> IgG2b	<b>Full Name:</b> X-ray repair complementing defective repair in Chinese hamster cells 3	<b>IHC 1:150-1:600</b> <b>IF 1:200-1:800</b>
<b>Immunogen Catalog Number:</b> AG13317	<b>Calculated MW:</b> 38 kDa <b>Observed MW:</b> 38 kDa	

## 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:** 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

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

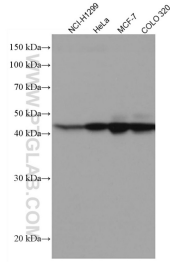
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

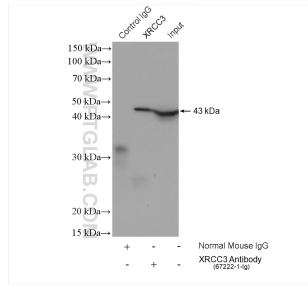
W: [ptgcn.com](http://ptgcn.com)

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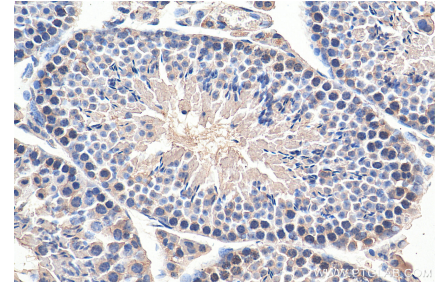
## Selected Validation Data



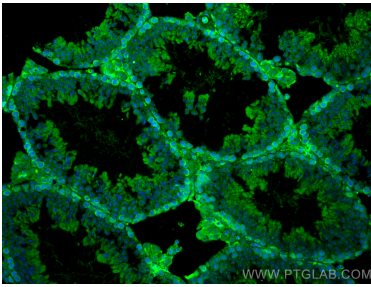
Various lysates were subjected to SDS PAGE followed by western blot with 67222-1-Ig (XRCC3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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).