

For Research Use Only

# XRCC4 Monoclonal antibody

Catalog Number: 66621-1-Ig

Featured Product

1 Publications



## Basic Information

Catalog Number:

66621-1-Ig

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 827 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG8807

GenBank Accession Number:

BC005259

GeneID (NCBI):

7518

UNIPROT ID:

Q13426

Full Name:

X-ray repair complementing defective repair in Chinese hamster cells 4

Calculated MW:

310 aa, 35 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

3E5D2

Recommended Dilutions:

WB 1:1000-1:6000

IHC 1:250-1:1000

## Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB

Species Specificity:

Human

Cited Species:

human

**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 : HEK-293 cells, COLO 320 cells, MCF-7 cells, A431 cells, HepG2 cells

IHC : human colon cancer tissue, human breast cancer tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Yan Wang	33667382	Immunity	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

\*\*\* 20ul sizes contain 0.1% BSA

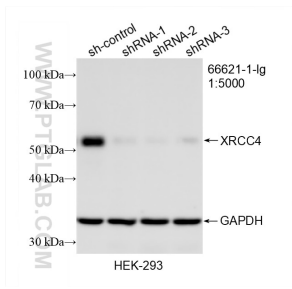
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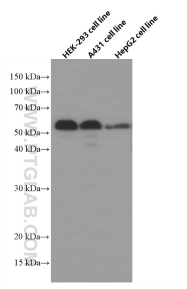
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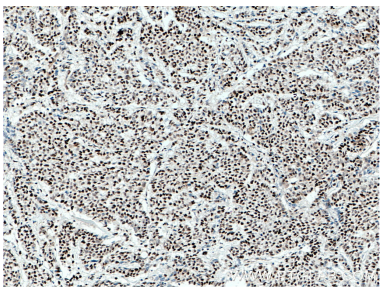
Selected Validation Data



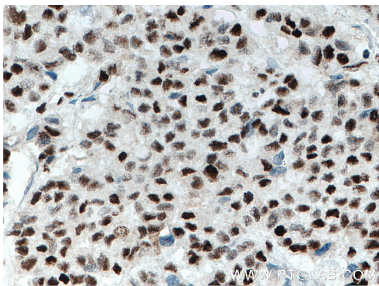
WB result of XRC4 antibody (66621-1-Ig; 1:5000; incubated at room temperature for 1.5 hours) with sh-Control and sh-XRC4 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66621-1-Ig (XRC4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66621-1-Ig (XRC4 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66621-1-Ig (XRC4 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).