DNA-PKcs/PRKDC Antibody

Catalog No: #48089

Package Size: #48089-1 50ul   #48089-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com
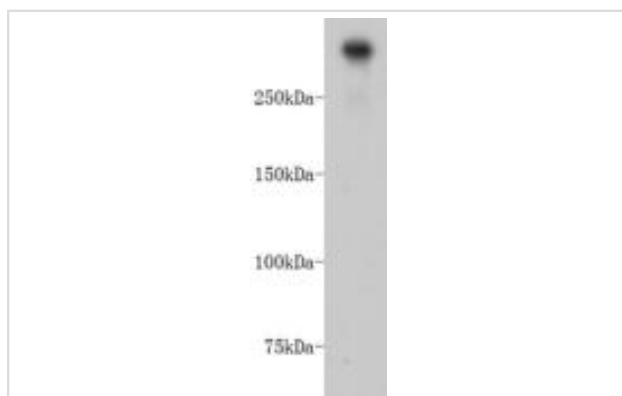
Description

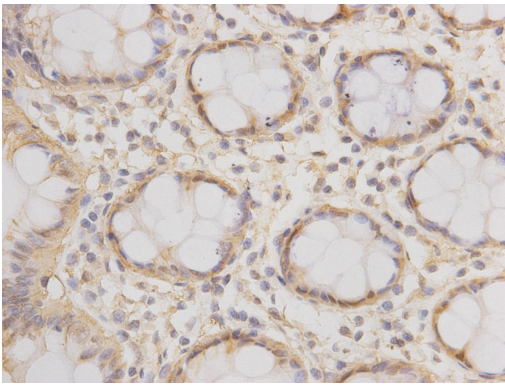|	
Product Name	DNA-PKcs/PRKDC Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	2-B3
Purification	ProA affinity purified
Applications	WB, ICC, IHC
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Other Names	DNA dependent protein kinase catalytic subunit antibody DNA PK catalytic subunit antibody DNA-dependent protein kinase catalytic subunit antibody DNA-PK catalytic subunit antibody DNA-PKcs antibody DNAPK antibody DNAPK catalytic subunit antibody DNPK 1 antibody DNPK1 antibody Hyper radiosensitivity of murine scid mutation, complementing 1 antibody Hyperradiosensitivity complementing 1, mouse, homolog of 1 antibody HYRC 1 antibody HYRC antibody HYRC1 antibody IMD26 antibody p350 antibody p460 antibody PKRDC antibody PRKDC antibody PRKDC_HUMAN antibody Protein Kinase DNA Activated Catalytic Polypeptide antibody XRCC 7 antibody XRCC7 antibody
Accession No.	Swiss-Prot#:P78527
Uniprot	P78527
GeneID	5591;
Calculated MW	469
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

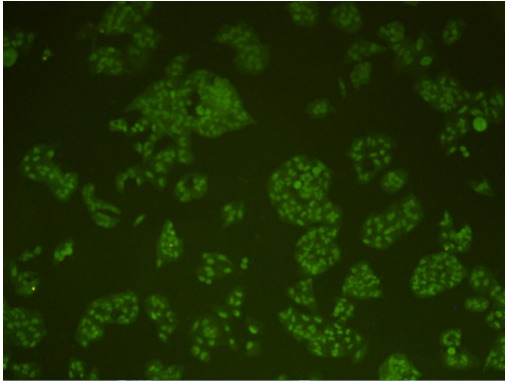WB: 1:1,000IHC: 1:200ICC: 1:100

Images

Western blot analysis on HepG2 cell lysates using anti-DNA-PKcs Mouse mAb (Cat. # M1204-6).

Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using anti-DNA-PKcs Mouse mAb (Cat.# M1204-6)

Immunofluorescent staining of HepG2 cells using anti-DNA-PKcs Mouse mAb (Cat. # M1204-6).

Background

DNA-activated serine/threonine protein kinase (DNA-PK) is a heterotrimer of PRKDC and the Ku p70-p86 (XRCC6-XRCC5) dimer. DNA-PK is a nuclear protein kinase that is involved in DNA nonhomologous end joining (NHEJ) required for double- strand brake repair and V(D)J recombination.

References

Note: This product is for in vitro research use only