

Anti-PRKDC Antibody (4T952)

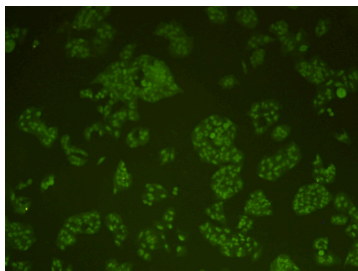
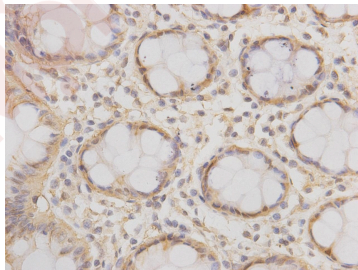
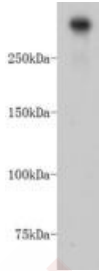
Product Details

Reactivity:	Human,Mouse
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 469 kDa.
Clone:	4T952
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis on HepG2 cell lysates using anti-DNA-PKcs Mouse mAb.
2. Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using anti-DNA-PKcs Mouse mAb.
3. Immunofluorescent staining of HepG2 cells using anti-DNA-PKcs Mouse mAb.



Application:	ICC,IHC,WB
Recommended	WB: 1:1000; IHC: 1:200; ICC: 1:100

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P78527

Synonyms: DNAPK catalytic subunit;HYRC;HYRC 1;PKRDC;DNA dependent protein kinase catalytic subunit; Hyperradiosensitivity complementing 1;HYRC1;XRCC7;DNP1;IMD26;DNAPK;PRKDC;DNA-PKcs; Protein Kinase DNA Activated Catalytic Polypeptide;DNP1;DNA PK catalytic subunit;Hyper radiosensitivity of murine scid mutation;p460;complementing 1;XRCC 7;p350

Research 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 break repair and V(D)J recombination.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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