

Mouse anti-Human, Mouse DNA-PKcs/PRKDC Monoclonal Antibody | anti-DNA-PKcs/PRKDC antibody

DNA-PKcs/PRKDC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311886	Mouse	Human, Mouse	Immunohistochemistry, Immunocytochemistry, Western Blot

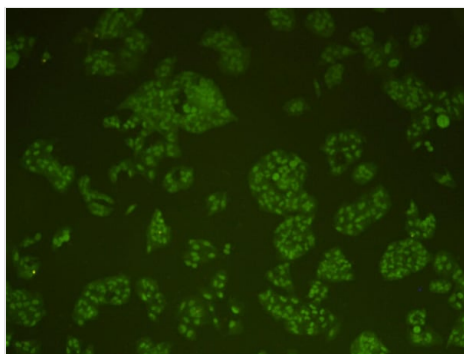
PRODUCT SYNONYMS

DNA-PKcs/PRKDC; Monoclonal Antibody; DNA-PKcs/PRKDC Antibody; 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; anti-DNA-PKcs/PRKDC antibody

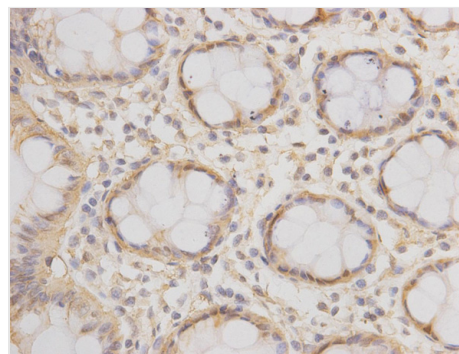
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	2-B3
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-DNA-PKcs/PRKDC antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

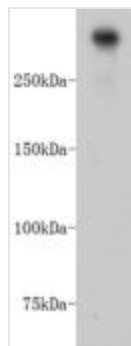
IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of HepG2 cells using anti-DNA-PKcs Mouse mAb.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-DNA-PKcs Mouse mAb



WB (Western Blot)

Western blot analysis on HepG2 cell lysates using anti-DNA-PKcs Mouse mAb.

ADDITIONAL INFORMATION

Related Product Information for anti-DNA-PKcs/PRKDC antibody	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.
Product Categories/Family for anti-DNA-PKcs/PRKDC antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	126032350
NCBI GeneID	5591
NCBI Accession #	NP_001075109.1
NCBI GenBank Nucleotide #	NM_001081640.1
UniProt Accession #	P78527; P78528; Q13327; Q13337; Q14175; Q59H99; Q7Z611; Q96SE6; Q9UME3
Molecular Weight	469,089 Da
NCBI Official Full Name	DNA-dependent protein kinase catalytic subunit isoform 2
NCBI Official Synonym Full Names	protein kinase, DNA-activated, catalytic polypeptide
NCBI Official Symbol	PRKDC
NCBI Official Synonym Symbols	HYRC; p350; DNAPK; DNPK1; HYRC1; XRCC7; DNA-PKcs
NCBI Protein Information	DNA-dependent protein kinase catalytic subunit; p460; DNA-PK catalytic subunit; hyper-radiosensitivity of murine scid mutation, complementing 1
UniProt Protein Name	DNA-dependent protein kinase catalytic subunit
UniProt Gene Name	PRKDC
UniProt Synonym Gene Names	HYRC; HYRC1; DNA-PK catalytic subunit; DNA-PKcs
UniProt Entry Name	PRKDC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dna-pkcs-prkdc-antibody-clone-2-b3-immunohistochemistry-immunocytochemistry-western-blot-elisa/311886>