

Product Datasheet

DNA-PKcs Mouse mAb

Catalog No: AB3206

Reactivity: Human

Isotype: Mouse IgG2b

Applications: WB, ICC/IF, IP



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Information

UniProt ID: P78527

All Names: DNA- PKcs; DNA-dependent protein kinase catalytic subunit; DNPK1; P460; PRKD; PRKDC; XRCC7; kinase DNA-PK;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 450KDa

Application

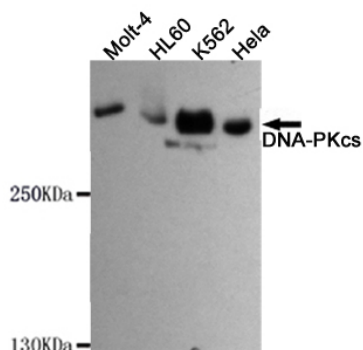
WB 1:1000

ICC/IF 1:200

IP

Background

Serine/threonine-protein kinase that acts as a molecular sensor for DNA damage. Involved in DNA nonhomologous end joining (NHEJ) required for double-strand break (DSB) repair and V(D)J recombination. Must be bound to DNA to express its catalytic properties.



Western blot detection of DNA-PKcs in HeLa, K562, HL-60 and MOLT-4 cell lysates using DNA-PKcs mouse mAb (1:1000 diluted). Predicted band size: 450KDa, Observed band size: 450KDa.

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