



DNA-PKcs

Mouse monoclonal Antibody

#53125

Catalog Number: 53125

Amount: 100µg/100µl

Swiss-Prot No. : P78527

Gene name: prkdc

Gene id: 5591

Clone Number: 6D1-C11-F10

Form of Antibody: Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

Storage/Stability: Store at -20°C/1 year

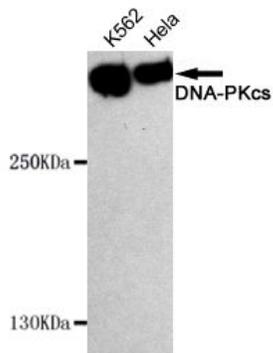
Immunogen: Purified recombinant human DNA-PKcs protein fragments expressed in E.coli

Purification: affinity-chromatography

Specificity/Sensitivity: This antibody detects endogenous levels of DNA-PKcs and does not cross-react with related proteins

Reactivity: Human

Applications: Predicted MW: 450kd WB: 1:1000 IHC/ICC:1:100



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

Background:

This gene encodes the catalytic subunit of the DNA-dependent protein kinase (DNA-PK). It functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination. The protein encoded is a member of the PI3/PI4-kinase family.