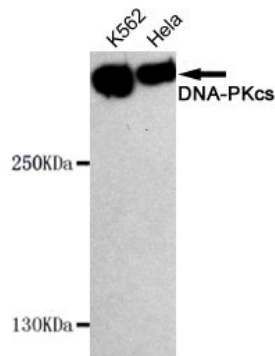




DNA-PKcs

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.