

Product datasheet for **TA347029M**

DNA PKcs (PRKDC) Mouse Monoclonal Antibody [Clone ID: 8D3-B12-F11]

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | 8D3-B12-F11 |
| Applications: | IF, IP, WB |
| Recommended Dilution: | WB: 1:1000, IF: 1:200 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | The immunogen for PRKDC antibody: purified recombinant human DNA-PKcs protein fragments expressed in E.coli |
| Formulation: | Purified mouse monoclonal in PBS(pH 7.4)containing with 0.02% sodium azide,50% glycerol. |
| Purification: | Affinity purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 450 kDa |
| Gene Name: | protein kinase, DNA-activated, catalytic polypeptide |
| Database Link: | NP_008835 Entrez Gene 5591 Human P78527 |
| 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. [provided by RefSeq,Jul 2010] |
| Synonyms: | DNA-PKcs; DNAPK; DNPK1; HYRC; HYRC1; IMD26; p350; XRCC7 |
| Protein Families: | Druggable Genome, Protein Kinase |
| Protein Pathways: | Cell cycle, Non-homologous end-joining |


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