

# Product Datasheet

## PLK1 Antibody (AZ44) [Janelia Fluor® 669] NB100-2747JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 8/20/2024 v.20.1

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**NB100-2747JF669**

PLK1 Antibody (AZ44) [Janelia Fluor® 669]

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | AZ44                                                                                        |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | Janelia Fluor 669                                                                           |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                               |
| Gene ID                 | 5347                                                                                                                                                                                                |
| Gene Symbol             | PLK1                                                                                                                                                                                                |
| Species                 | Xenopus                                                                                                                                                                                             |
| Marker                  | Mitosis Marker                                                                                                                                                                                      |
| Specificity/Sensitivity | Plx is activated by phosphorylation. AZ44 only detects the mitotic form of Plx (Xenopus laevis) which may be due to the recognition of a phosphorylated epitope. Recommended concentration: 1 ug/ml |
| Immunogen               | Baculo-expressed PLK1 from Xenopus laevis                                                                                                                                                           |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                               |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA                                                    |
| Recommended Dilutions       | Western Blot, ELISA                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NB100-2747JF669**

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|               |                                   |
|---------------|-----------------------------------|
| NBP2-49014PEP | PLK1 Recombinant Protein Antigen  |
| 3804-KS-010   | PLK1 [Unconjugated]               |
| NB500-106     | PCNA Antibody (PC10)              |
| NB200-103     | p53 Antibody (PAb 240) - BSA Free |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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