

# Product Datasheet

## SMC1 [p Ser966] Antibody [Janelia Fluor® 669] NB100-206JF669

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-206JF669**

SMC1 [p Ser966] Antibody [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           | Polyclonal                                                                                  |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG                                                                                         |
| Conjugate           | Janelia Fluor 669                                                                           |
| Purity              | Immunogen affinity purified                                                                 |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description |                                                                                                                                                                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Rabbit                                                                                                                                                                                                                                  |
| Gene ID             | 8243                                                                                                                                                                                                                                    |
| Gene Symbol         | SMC1A                                                                                                                                                                                                                                   |
| Species             | Human, Mouse                                                                                                                                                                                                                            |
| Reactivity Notes    | Mouse reactivity reported in scientific literature (PMID:25820262).                                                                                                                                                                     |
| Immunogen           | Immunogen for this antibody was a phosphorylated synthetic peptide, which represented a portion of human Structural Maintenance of Chromosomes 1 (GeneID 8243) around serine 966 according to the numbering given in entry NP_006297.2. |
| Notes               | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                   |

| Product Application Details |                                                                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                 |



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**Products Related to NB100-206JF669**

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|                    |                                             |
|--------------------|---------------------------------------------|
| H00008243-Q01-10ug | Recombinant Human SMC1 GST (N-Term) Protein |
| NBL1-16236         | SMC1 Overexpression Lysate                  |
| NB100-143          | Nbs1 Antibody                               |
| NB100-309          | ATM Antibody (2C1)                          |

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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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