

# Product Datasheet

## **Histone H3 [Trimethyl Lys27] Antibody (BT164) [Janelia Fluor® 549] NBP3-12020JF549**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-12020JF549**

Histone H3 [Trimethyl Lys27] Antibody (BT164) [Janelia Fluor® 549]

| 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               | BT164                                                                                       |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG Kappa                                                                                   |
| Conjugate           | Janelia Fluor 549                                                                           |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Rabbit                                                                                                                                        |
| Gene ID                 | 126961                                                                                                                                        |
| Gene Symbol             | H3C14                                                                                                                                         |
| Species                 | Human                                                                                                                                         |
| Specificity/Sensitivity | The epitope of BT164 was mapped in the N-terminal tail of histone H3 (27-KSAPAT-32) and included the apoptosis-induced trimethylation of K27. |
| Immunogen               | BT164 is a mice-derived lupus antibody that was established by selection on apoptotic chromatin.                                              |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                         |

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





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### **Products Related to NBP3-12020JF549**

|                    |                                                           |
|--------------------|-----------------------------------------------------------|
| NB21-1002PEP       | Histone H3 [Asym-dimethyl Arg2] Antibody Blocking Peptide |
| H00008336-P01-10ug | Recombinant Human HIST1H2AM GST (N-Term) Protein          |
| NB21-1251PEP       | Histone H3 [Monomethyl Lys36] Antibody Blocking Peptide   |
| NB500-171          | Histone H3 Antibody - BSA Free                            |

### **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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