

# Product Datasheet

## Histone Deacetylase 4/HDAC4 Antibody (HDAC-144) [Janelia Fluor® 549] NB600-1103JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB600-1103JF549**

Histone Deacetylase 4/HDAC4 Antibody (HDAC-144) [Janelia Fluor® 549]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.  |
| <b>Storage</b>                     | Store at 4C in the dark.   |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | HDAC-144   |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2a  |
| <b>Conjugate</b>                   | Janelia Fluor 549  |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 50mM Sodium Borate   |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 9759   |
| <b>Gene Symbol</b>                 | HDAC4  |
| <b>Species</b>                     | Human, Mouse, Rat  |
| <b>Reactivity Notes</b>            | Human, Mouse and Rat. Expected to cross-react with Chicken (100% identity with immunogen) due to sequence homology. Not yet tested in other species. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. |
| <b>Immunogen</b>                   | Synthetic peptide: MSSQSHPDGLSGRDQPVEL, corresponding to amino acids 1-19 of Human HDAC4 conjugated to KLH with C-terminal added lysine.   |
| <b>Notes</b>                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Immunocytochemistry/ Immunofluorescence  |
| <b>Recommended Dilutions</b>       | Immunocytochemistry/ Immunofluorescence  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.   |



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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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