

# Product Datasheet

## Bestrophin 1 Antibody (E6-6) [Janelia Fluor® 549] NB300-164JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB300-164JF549**

Bestrophin 1 Antibody (E6-6) [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                       | E6-6                                                                                                                                                                                                                              |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                |
| Isotype                     | IgG1 Kappa                                                                                                                                                                                                                        |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                                                 |
| Purity                      | Protein A or G purified                                                                                                                                                                                                           |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                   |
| Host                        | Mouse                                                                                                                                                                                                                             |
| Gene ID                     | 7439                                                                                                                                                                                                                              |
| Gene Symbol                 | BEST1                                                                                                                                                                                                                             |
| Species                     | Human, Mouse, Porcine, Canine, Primate, Rat (Negative)                                                                                                                                                                            |
| Reactivity Notes            | Human, Primate, Porcine reactivity reported in scientific literature (PMID: 11050159). Use in Mouse reported in scientific literature (PMID:32791386).                                                                            |
| Immunogen                   | Synthetic peptide conjugated to KLH corresponding to the C-terminus of human Bestrophin 1 (KDHMDPYWALENRDEAHS) [Uniprot: O76090]                                                                                                  |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                             |
| Product Application Details |                                                                                                                                                                                                                                   |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Dual RNAscope ISH-IHC, Knockout Validated |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Knockout Validated, Dual RNAscope ISH-IHC |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                            |



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**Products Related to NB300-164JF549**

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|                  |                                                        |
|------------------|--------------------------------------------------------|
| NBP2-53038-100ug | Recombinant Human Bestrophin 1 His Protein             |
| M6000B-1         | IL-6 [HRP]                                             |
| H00007439-T01    | Bestrophin 1 293T Cell Transient Overexpression Lysate |
| 291-G1-200       | IGF-I/IGF-1 [Unconjugated]                             |

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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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