

# Product Datasheet

## HIF-1 alpha Antibody [CoraFluor™ 1] NB100-134CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-134CL1**

HIF-1 alpha Antibody [CoraFluor™ 1]

| <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. Do not freeze.   |
| <b>Clonality</b>                   | Polyclonal  |
| <b>Preservative</b>                | No Preservative   |
| <b>Isotype</b>                     | IgG   |
| <b>Conjugate</b>                   | CoraFluor 1   |
| <b>Purity</b>                      | Immunogen affinity purified   |
| <b>Buffer</b>                      | PBS   |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. |
| <b>Host</b>                        | Rabbit  |
| <b>Gene ID</b>                     | 3091  |
| <b>Gene Symbol</b>                 | HIF1A   |
| <b>Species</b>                     | Human, Mouse, Rat, Bovine, Canine, Guinea Pig, Primate, Xenopus, Zebrafish  |
| <b>Reactivity Notes</b>            | Use in Human reported in scientific literature (PMID:33654095).   |
| <b>Immunogen</b>                   | This HIF-1 alpha Antibody was developed against a fusion protein made to an internal sequence of human HIF-1 alpha (containing amino acids 432 - 528) [Uniprot# Q16665].  |
| <b>Notes</b>                       | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Simple Western, ELISA, Gel Super Shift Assays, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing, Dual RNAscope ISH-IHC, Knockout Validated  |
| <b>Recommended Dilutions</b>       | Western Blot, Simple Western, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Gel Super Shift Assays, Chromatin Immunoprecipitation (ChIP), Knockout Validated, Chromatin Immunoprecipitation Sequencing, Dual RNAscope ISH-IHC  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NB100-134CL1**

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|                    |  |
|--------------------|--|
| H00003091-P01-10ug | Recombinant Human HIF-1 alpha GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                           |
| NB100-900WB        | HIF-1 alpha Antibody Pack                          |
| NB100-105          | HIF-1 alpha Antibody (H1alpha67)                   |

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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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