

# Product Datasheet

## **Chorionic Gonadotropin alpha Chain (hCG alpha) Antibody (77F12) [CoraFluor™ 1] NB100-73002CL1**

Unit Size: 0.2 ml

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

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**NB100-73002CL1**

Chorionic Gonadotropin alpha Chain (hCG alpha) Antibody (77F12) [CoraFluor™ 1]

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.2 ml                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark. Do not freeze.                                                                          |
| Clonality           | Monoclonal                                                                                                       |
| Clone               | 77F12                                                                                                            |
| Preservative        | No Preservative                                                                                                  |
| Isotype             | IgG2b                                                                                                            |
| Conjugate           | CoraFluor 1                                                                                                      |
| Purity              | Protein A purified                                                                                               |
| Buffer              | PBS                                                                                                              |

| Product Description     |                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                |
| Gene ID                 | 1081                                                                                                                                                                                                                 |
| Gene Symbol             | CGA                                                                                                                                                                                                                  |
| Species                 | Human                                                                                                                                                                                                                |
| Specificity/Sensitivity | This specifically recognizes HCG; it reacts mainly with the alpha-subunit. It is cross-reacting with the whole molecule of HCG, hLH, hTSH and hFSH. Cross-reactivity with free beta-subunit of HCG was not detected. |
| Immunogen               | Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with native human HCG (whole molecule).                                                        |
| Notes                   | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254                                                        |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Sandwich ELISA                                                         |
| Recommended Dilutions       | Sandwich ELISA                                                         |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NB100-73002CL1**

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| NBP2-27231CL1      | Mouse IgG2b Isotype Control (MPC-11) [CoraFluor™ 1]                                   |
| H00001081-Q01-10ug | Recombinant Human Chorionic Gonadotropin alpha Chain (hCG alpha) GST (N-Term) Protein |
| NBP2-75262         | Human Chorionic Gonadotropin alpha Chain (hCG alpha) ELISA Kit (Colorimetric)         |
| MAB1368            | alpha-Fetoprotein/AFP Antibody (189502) [Unconjugated]                                |

### **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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