

# Product Datasheet

## **beta-2 Adrenergic R/ADRB2 Antibody (13D6) [Allophycocyanin] - Chimeric NBP3-12008APC**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-12008APC**

beta-2 Adrenergic R/ADRB2 Antibody (13D6) [Allophycocyanin] - Chimeric

| 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                       | 13D6                                                                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                            |
| Isotype                     | IgG Kappa                                                                                                                                                                                                                                                                                                                                                                                     |
| Conjugate                   | Allophycocyanin                                                                                                                                                                                                                                                                                                                                                                               |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                           |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                               |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID                     | 154                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | ADRB2                                                                                                                                                                                                                                                                                                                                                                                         |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity/Sensitivity     | 13D6 antibody recognizes human beta-2 adrenergic receptor. It was reported that this antibody recognizes extracellular domains of the receptor (Han et al., 2012). Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylyl cyclase through the action of G proteins. The beta-2-adrenergic receptor binds adrenaline with far greater affinity than noradrenaline. |
| Immunogen                   | This antibody was raised by immunizing mice with beta-2 adrenergic receptor.                                                                                                                                                                                                                                                                                                                  |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                               |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                                                                                                                                                                                                                                                                                             |
| Recommended Dilutions       | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation                                                                                                                                                                                                                                                                                                             |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                        |





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### **Products Related to NBP3-12008APC**

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|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| H00000154-P01-2ug | Recombinant Human beta-2 Adrenergic R/ADRB2 GST (N-Term) Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                                         |
| NBP2-11173        | beta-2 Adrenergic R/ADRB2 Overexpression Lysate                  |
| AF262             | Amphiregulin Antibody                                            |

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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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