

# Product Datasheet

## **EGFR Antibody - Chimeric, (Research Grade cetuximab Biosimilar) - Low Endotoxin, Azide and BSA Free NBP3-28343-100ug**

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

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**NBP3-28343-100ug**

EGFR Antibody - Chimeric, (Research Grade cetuximab Biosimilar) - Low Endotoxin, Azide and BSA Free

**Product Information**

|                                    |                                                                                                                                       |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 100 ug                                                                                                                                |
| <b>Concentration</b>               | LYOPH mg/ml                                                                                                                           |
| <b>Storage</b>                     | Store at -20C in powder form. Store at -80C once reconstituted.                                                                       |
| <b>Clonality</b>                   | Monoclonal                                                                                                                            |
| <b>Preservative</b>                | No Preservative                                                                                                                       |
| <b>Reconstitution Instructions</b> | Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex. |
| <b>Isotype</b>                     | IgG1                                                                                                                                  |
| <b>Purity</b>                      | Protein A purified                                                                                                                    |
| <b>Buffer</b>                      | Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)                                                                    |

**Product Description**

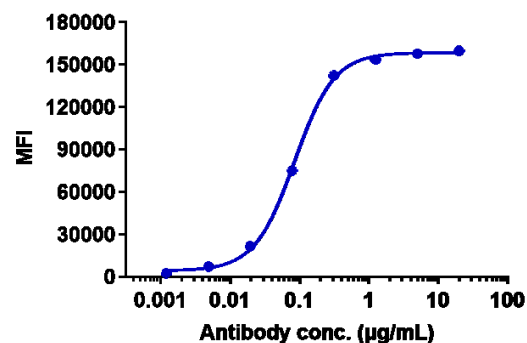
|                       |                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>    | <p>The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 145.36 kDa.</p> <p>Also known as 'cetuximab'.</p> <p>This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.</p> |
| <b>Host</b>           | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene ID</b>        | 1956                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene Symbol</b>    | EGFR                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>      | ERBB1 / EGFR / HER1                                                                                                                                                                                                                                                                                                                                                          |
| <b>Endotoxin Note</b> | < 0.001EU/ug,determined by LAL method.                                                                                                                                                                                                                                                                                                                                       |

**Product Application Details**

|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Applications</b>          | ELISA, Flow Cytometry, Functional |
| <b>Recommended Dilutions</b> | Flow Cytometry, ELISA, Functional |

**Images**

Human EGFR CHO-K cells were stained with EGFR Antibody (cetuximab) - Chimeric and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.0845 ug/mL.



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**Products Related to NBP3-28343-100ug**

|               |                                                       |
|---------------|-------------------------------------------------------|
| G-102-C       | Goat anti-Human IgG Secondary Antibody [Unconjugated] |
| NB7446        | Goat anti-Human IgG Fc Secondary Antibody             |
| DDXCH01P-100  | Human IgG1 Isotype Control                            |
| NBP2-52952PEP | EGFR Recombinant Protein Antigen                      |

**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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