

# Product Datasheet

## EGFR Antibody (h-R3 (Nimotuzumab)) [Alexa Fluor® 594] NBP2-75186AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-75186AF594**

EGFR Antibody (h-R3 (Nimotuzumab)) [Alexa Fluor® 594]

| 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               | h-R3 (Nimotuzumab)                                                                          |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | Alexa Fluor 594                                                                             |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene ID                 | 1956                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol             | EGFR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity | Binds to human EGFR domain III at a site distinct from antibody 7A7. (Talavera et al. 2011)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Immunogen               | This antibody was generated by humanisation of the murine antibody R3, raised against EGFR purified from placenta membranes and A431 tumors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Product Application Details |                                                                            |
|-----------------------------|----------------------------------------------------------------------------|
| Applications                | Flow Cytometry, Immunohistochemistry, Block/Neutralize, Immunofluorescence |
| Recommended Dilutions       | Flow Cytometry, Immunohistochemistry, Immunofluorescence, Block/Neutralize |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.     |





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### **Products Related to NBP2-75186AF594**

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|                 |                                                     |
|-----------------|-----------------------------------------------------|
| NBP3-06872AF594 | Human IgG1 Kappa Isotype Control [Alexa Fluor® 594] |
| NBP1-84814PEP   | EGFR Recombinant Protein Antigen                    |
| 236-EG-200      | EGF [Unconjugated]                                  |
| DYC1095B-2      | EGFR [Biotin]                                       |

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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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