

# Product Datasheet

## HB-EGF Antibody [Allophycocyanin] AF-259-NAA

Unit Size: 0.25 ml

Store at 4C in the dark.

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**AF-259-NAA**

HB-EGF Antibody [Allophycocyanin]

| Product Information         |                                                                                                                                                                                                                                                                                                                          |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.25 ml                                                                                                                                                                                                                                                                                                                  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                              |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                 |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                               |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                       |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                      |
| Conjugate                   | Allophycocyanin                                                                                                                                                                                                                                                                                                          |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                                                |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                                                                                                                          |
| Host                        | Goat                                                                                                                                                                                                                                                                                                                     |
| Gene ID                     | 1839                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol                 | HBEGF                                                                                                                                                                                                                                                                                                                    |
| Species                     | Human                                                                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity     | Detects human HB-EGF in ELISAs and Western blots. In direct ELISAs, less than 1% cross reactivity with recombinant mouse HB-EGF is observed. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant human (rh) Amphiregulin, rhBetacellulin, rhEpiregulin, and recombinant mouse Epigen is observed. |
| Immunogen                   | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human HB-EGF (R&D Systems, Catalog # 259-HE)<br>Asp63-Leu148<br>Accession # Q99075                                                                                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                                                                                                          |
| Applications                | Western Blot, Immunohistochemistry, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Neutralization                                                                                                                                                        |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, ELISA Standard (Matched Pair), Neutralization, ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair)                                                                                                                                                        |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                   |





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### **Products Related to AF-259-NAA**

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|                 |                                            |
|-----------------|--------------------------------------------|
| IC108A          | Goat IgG Isotype Control [Allophycocyanin] |
| NBP2-35069-10ug | Recombinant Mouse HB-EGF Protein           |
| 236-EG-200      | EGF [Unconjugated]                         |
| 259-HE-050      | HB-EGF                                     |

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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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