

# Product Datasheet

## Epiregulin Antibody (189611) [HRP] FAB1068H

Unit Size: 0.5 ml

Store at 4C in the dark.

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**FAB1068H**

Epiregulin Antibody (189611) [HRP]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.5 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                       | 189611                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugate                   | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Host                        | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene ID                     | 2069                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene Symbol                 | EREG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Species                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity/Sensitivity     | Detects mouse Epiregulin in ELISAs. In direct ELISAs, 100% cross-reactivity with recombinant human Epiregulin is observed, but no cross-reactivity with recombinant mouse (rm) Epigen, recombinant human (rh) TGF- $\alpha$ , rhAmphiregulin, rmBetacellulin, rhEGF, rhHB-EGF, rhHRG- $\alpha$ , or rhHRG- $\beta$ is observed. In sandwich immunoassays, no cross-reactivity with rmAmphiregulin, rhNRG-1- $\beta$ 1, rmBetacellulin, rmEGF, rhHeregulin, rhHB-EGF, or rhTGF- $\alpha$ is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant mouse Epiregulin<br>Val56-Leu101<br>Accession # Q61521                                                                                                                                                                                                                                                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Applications                | ELISA Capture (Matched Antibody Pair), ELISA Detection (Matched Antibody Pair), ELISA Standard (Matched Pair), Neutralization                                                                                                                                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | 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 FAB1068H**

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|                |                                      |
|----------------|--------------------------------------|
| NBP2-34989-5ug | Recombinant Human Epiregulin Protein |
| 236-EG-200     | EGF [Unconjugated]                   |
| 1195-EP-025    | Epiregulin [Unconjugated]            |
| NBP2-22203     | ERK1 Antibody (1E5)                  |

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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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