

# Product Datasheet

## Epiregulin Antibody (189611) [mFluor Violet 610 SE] FAB1068MFV610

Unit Size: 0.5 ml

Store at 4C in the dark.

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**FAB1068MFV610**

Epiregulin Antibody (189611) [mFluor Violet 610 SE]

| 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                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Isotype                     | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugate                   | mFluor Violet 610 SE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 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                                                                                                                                                                                                                                                                                                                                                                                                           |
| Notes                       | mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                                                                                                                                                                                                                                                |
| 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 FAB1068MFV610**

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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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