

# Product Datasheet

## TGF-beta RI/ALK-5 Antibody [mFluor Violet 450 SE] AF587MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF587MFV450**

TGF-beta RI/ALK-5 Antibody [mFluor Violet 450 SE]

| 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                   | Polyclonal                                                                                                                                                                                                                                                                                        |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                               |
| Conjugate                   | mFluor Violet 450 SE                                                                                                                                                                                                                                                                              |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                                                                                         |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                                                                   |
| Host                        | Goat                                                                                                                                                                                                                                                                                              |
| Gene ID                     | 7046                                                                                                                                                                                                                                                                                              |
| Gene Symbol                 | TGFR1                                                                                                                                                                                                                                                                                             |
| Species                     | Mouse                                                                                                                                                                                                                                                                                             |
| Specificity/Sensitivity     | Detects mouse TGF $\beta$ RI/ALK-5 in direct ELISAs and Western blots. In direct ELISAs, approximately 50% cross-reactivity with recombinant human (rh) TGF- $\beta$ RI is observed, and less than 2% cross-reactivity with recombinant mouse TGF $\beta$ RII and rhTGF $\beta$ RIII is observed. |
| Immunogen                   | <i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant mouse TGF $\beta$ RI/ALK-5 Ala21-Glu121<br>Accession # BAA05023                                                                                                                                                           |
| 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                | Western Blot                                                                                                                                                                                                                                                                                      |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                                                                                      |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                            |





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### **Products Related to AF587MFV450**

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| NB410-28088MFV450 | Goat IgG Isotype Control [mFluor Violet 450 SE]                |
| NBP2-61985-50ug   | Recombinant Human TGF-beta RI/ALK-5 Isoform 1 hIgG-His Protein |
| 7754-BH-005/CF    | TGF-beta 1 [Unconjugated]                                      |
| 587-RIB-050       | TGF-beta RI/ALK-5 [Unconjugated]                               |

### **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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