

# Product Datasheet

## **TGF-beta RI/ALK-5 Antibody (141231) [mFluor Violet 500 SE]**

**FAB5871MFV500**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB5871MFV500**

TGF-beta RI/ALK-5 Antibody (141231) [mFluor Violet 500 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           | Monoclonal                                                                                  |
| Clone               | 141231                                                                                      |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a                                                                                       |
| Conjugate           | mFluor Violet 500 SE                                                                        |
| Purity              | Protein A or G purified from hybridoma culture supernatant                                  |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Rat                                                                                                                                                                                                                                   |
| Gene ID                 | 7046                                                                                                                                                                                                                                  |
| Gene Symbol             | TGFBR1                                                                                                                                                                                                                                |
| Species                 | Human, Mouse                                                                                                                                                                                                                          |
| Specificity/Sensitivity | Detects human and mouse TGF- $\beta$ RI/ALK-5 in Western blots. In direct ELISAs and Western blots, this antibody shows no cross-reactivity with rrMIS RII, rhTGF $\beta$ RII, rhTGF $\beta$ RIIb, or rhTGF $\beta$ RIII.             |
| 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 FAB5871MFV500**

|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| 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]                               |
| 243-B3-002      | TGF-beta 3 [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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