

# Product Datasheet

## Activin RIB/ALK-4 Antibody (207304) [mFluor Violet 450 SE]

**FAB1477MFV450**

Unit Size: 0.5 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/FAB1477MFV450](http://www.novusbio.com/FAB1477MFV450)

Updated 7/14/2025 v.20.1

Earn rewards for product reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/FAB1477MFV450](http://www.novusbio.com/reviews/destination/FAB1477MFV450)



**FAB1477MFV450**

Activin RIB/ALK-4 Antibody (207304) [mFluor Violet 450 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               | 207304                                                                                      |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG2a                                                                                       |
| Conjugate           | mFluor Violet 450 SE                                                                        |
| Purity              | Protein A or G purified from hybridoma culture supernatant                                  |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Rat                                                                                                                                                                                                                                                                                  |
| Gene ID                 | 91                                                                                                                                                                                                                                                                                   |
| Gene Symbol             | ACVR1B                                                                                                                                                                                                                                                                               |
| Species                 | Mouse                                                                                                                                                                                                                                                                                |
| Specificity/Sensitivity | Detects mouse Activin RIB/ALK-4 in direct ELISAs and Western blots. In direct ELISAs and Western blots, shows 100% cross-reactivity with recombinant human (rh) Activin RIB, 20% cross-reactivity with rhActivin RIA, and no cross-reactivity with rhActivin RIIA or rhActivin RIIB. |
| Immunogen               | Mouse myeloma cell line NS0-derived recombinant mouse Activin RIB/ALK-4 Leu32-Glu126<br>Accession # NP_031421                                                                                                                                                                        |
| 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. |





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to FAB1477MFV450**

---

|                |                                               |
|----------------|-----------------------------------------------|
| NBP2-39003PEP  | Activin RIB/ALK-4 Recombinant Protein Antigen |
| 7754-BH-005/CF | TGF-beta 1 [Unconjugated]                     |
| 808-AR-100     | Activin RIB/ALK-4                             |
| 236-EG-200     | EGF [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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/FAB1477MFV450](http://www.novusbio.com/reviews/submit/FAB1477MFV450)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

