

# Product Datasheet

## **AKT1 Antibody (710022) [Janelia Fluor® 549] FAB6815I**

Unit Size: 0.1 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/FAB6815I](http://www.novusbio.com/FAB6815I)

Updated 5/10/2025 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/FAB6815I](http://www.novusbio.com/reviews/destination/FAB6815I)



**FAB6815I**

AKT1 Antibody (710022) [Janelia Fluor® 549]

| 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                       | 710022                                                                                                                                                                                                             |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                 |
| Isotype                     | IgG1                                                                                                                                                                                                               |
| Conjugate                   | Janelia Fluor 549                                                                                                                                                                                                  |
| Purity                      | Protein A or G purified from hybridoma culture supernatant                                                                                                                                                         |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                 |
| Product Description         |                                                                                                                                                                                                                    |
| Host                        | Mouse                                                                                                                                                                                                              |
| Gene ID                     | 207                                                                                                                                                                                                                |
| Gene Symbol                 | AKT1                                                                                                                                                                                                               |
| Species                     | Human                                                                                                                                                                                                              |
| Specificity/Sensitivity     | Detects human AKT1 with Glu17Lys mutation in Western blots. In Western blots, no cross-reactivity with 293EBNA human EBV-expressing embryonic kidney cell line transfectant expressing wild type AKT1 is detected. |
| Immunogen                   | Synthetic peptide containing human Akt1 Ala5-Lys30 with Glu17Lys mutation<br>Accession # P31749                                                                                                                    |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                              |
| Product Application Details |                                                                                                                                                                                                                    |
| Applications                | Western Blot, Immunocytochemistry                                                                                                                                                                                  |
| Recommended Dilutions       | Western Blot, Immunocytochemistry                                                                                                                                                                                  |
| 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](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to FAB6815I**

---

|                   |                                                      |
|-------------------|------------------------------------------------------|
| NBP1-97005JF549   | Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 549] |
| NBP2-52121-0.05mg | Recombinant Human AKT1 His Protein                   |
| 210-TA-005        | TNF-alpha [Unconjugated]                             |
| DYC2289C-2        | AKT1 [p Ser473] [Biotin]                             |

---

### **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/FAB6815I](http://www.novusbio.com/reviews/submit/FAB6815I)

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

