

# Product Datasheet

## **AKT1 Antibody (710022) [Janelia Fluor® 525] FAB6815JF525**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB6815JF525**

AKT1 Antibody (710022) [Janelia Fluor® 525]

| 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 525                                                                                                                                                                                                  |
| 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.                                                                                                                                             |





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### **Products Related to FAB6815JF525**

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|                   |                                    |
|-------------------|------------------------------------|
| NBP2-52121-0.05mg | Recombinant Human AKT1 His Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]           |
| DYC2289C-2        | AKT1 [p Ser473] [Biotin]           |
| DVE00             | VEGF [HRP]                         |

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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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