

# Product Datasheet

## Connexin 32/GJB1 Antibody (M12.13) [Janelia Fluor® 525] NBP2-54367JF525

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-54367JF525**

Connexin 32/GJB1 Antibody (M12.13) [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               | M12.13                                                                                      |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG                                                                                         |
| Conjugate           | Janelia Fluor 525                                                                           |
| Purity              | Protein G purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                             |
| Gene ID                 | 2705                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Symbol             | GJB1                                                                                                                                                                                                                                                                                                                                                                              |
| Species                 | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity | This Ab recognizes a protein of 27-32kDa, identified as Connexin 32. The connexin family of proteins forms hexameric complexes called 'connexons' that facilitate movement of low molecular weight proteins between cells via gap junctions. Connexin proteins share a common topology of four transmembrane therefore, one connexin usually cannot fully substitute for another. |
| Immunogen               | Rat junctional complexes                                                                                                                                                                                                                                                                                                                                                          |
| Notes                   | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                             |

| Product Application Details |                                                                                                                                       |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                |





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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.

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

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