

# Product Datasheet

## Connexin 32/GJB1 Antibody (GJB1/1753) [DyLight 550] NBP2-54359R

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-54359R**

Connexin 32/GJB1 Antibody (GJB1/1753) [DyLight 550]

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | GJB1/1753                                                                                   |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG                                                                                         |
| Conjugate           | DyLight 550                                                                                 |
| Purity              | Protein G purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description             | 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.                                                                                                                                                                                             |
| 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               | Recombinant human Connexin 32/GJB1 protein (Uniprot: P08034)                                                                                                                                                                                                                                                                                                                      |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                 |

| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready       |
| Recommended Dilutions       | Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP2-54359R**

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|                    |                                                         |
|--------------------|---------------------------------------------------------|
| H00002705-Q01-10ug | Recombinant Human Connexin 32/GJB1 GST (N-Term) Protein |
| NBL1-15012         | PXMP2 Overexpression Lysate                             |
| NBP2-08276         | Connexin 32/GJB1 Overexpression Lysate                  |
| H00009927-M03      | Mitofusin 2 Antibody (4H8)                              |

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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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