

# Product Datasheet

## Involucrin Antibody (rIVRN/9323) [DyLight 680] NBP3-24321FR

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-24321FR**

Involucrin Antibody (rIVRN/9323) [DyLight 680]

| 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                       | rIVRN/9323                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugate                   | DyLight 680                                                                                                                                                                                                                                                                                                                                                                                                                |
| Purity                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID                     | 3713                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol                 | IVL                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity/Sensitivity     | It recognizes a protein of 66kDa-170kDa, identified as involucrin. In Western blotting of cultured human keratinocytes, this monoclonal antibody reacts with a 120kDa protein. It stains the involucrin in a variety of sizes: 170kDa in MCF-7 cells, a doublet of ~115kDa and 150kDa in gorilla and owl monkey, 66kDa in dog, and a doublet of 105kDa in pig. Its epitope maps between codon 421-568 of human involucrin. |
| Immunogen                   | Recombinant human full-length Involucrin protein (IVRN)                                                                                                                                                                                                                                                                                                                                                                    |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applications                | Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                              |
| Recommended Dilutions       | Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                                                                                                                                              |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                     |





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### **Products Related to NBP3-24321FR**

|               |                                                                    |
|---------------|--------------------------------------------------------------------|
| NBP1-43317FR  | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [DyLight 680] |
| NBP2-33742PEP | Involucrin Recombinant Protein Antigen                             |
| 236-EG-200    | EGF [Unconjugated]                                                 |
| NB100-355     | RPE65 Antibody (401.8B11.3D9) - BSA Free                           |

### **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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