

# Product Datasheet

## Dysferlin Antibody (CL10888) - Azide and BSA Free NBP3-43895

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-43895**

Dysferlin Antibody (CL10888) - Azide and BSA Free

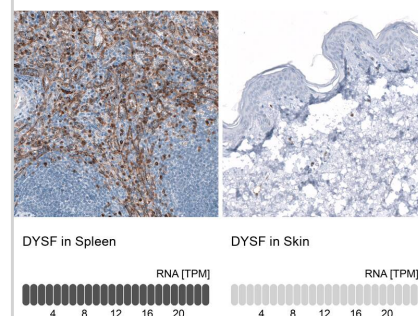
| Product Information         |                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ug                                                                                                                                                                         |
| Concentration               | LYOPH mg/ml                                                                                                                                                                    |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                     |
| Clone                       | CL10888                                                                                                                                                                        |
| Preservative                | No Preservative                                                                                                                                                                |
| Reconstitution Instructions | Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml. |
| Isotype                     | IgG1                                                                                                                                                                           |
| Purity                      | Protein A purified                                                                                                                                                             |
| Buffer                      | Lyophilized from a 0.2 um filtered solution in PBS with Trehalose                                                                                                              |

| Product Description |                                                                                                                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse Dysferlin Antibody (CL10888) - Azide and BSA Free (NBP3-07994) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Mouse                                                                                                                                                                                                                |
| Gene ID             | 8291                                                                                                                                                                                                                 |
| Gene Symbol         | DYSF                                                                                                                                                                                                                 |
| Species             | Human                                                                                                                                                                                                                |
| Immunogen           | This antibody was generated using a recombinant protein sequence of O75923, with the exact immunogen sequence remaining proprietary.                                                                                 |

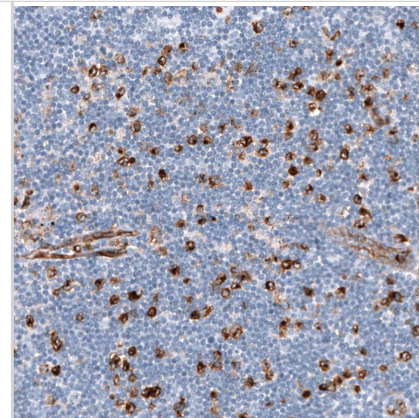
| Product Application Details |                                                                     |
|-----------------------------|---------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin                         |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.               |

**Images**

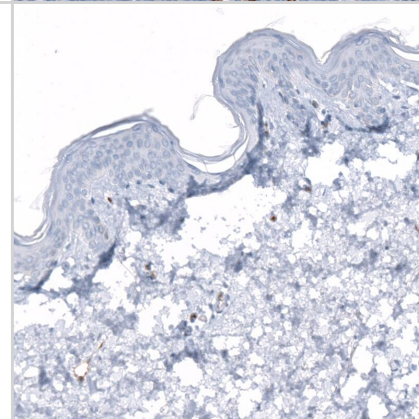
Analysis in human spleen and skin tissues using NBP3-43895 antibody. Corresponding Dysferlin RNA-seq data are presented for the same tissues.



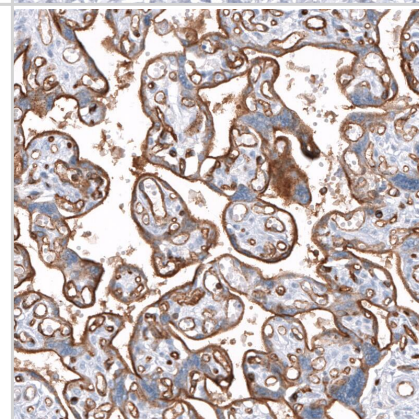
Staining of human lymph node shows strong membranous positivity in non-germinal center cells and endothelial cells.



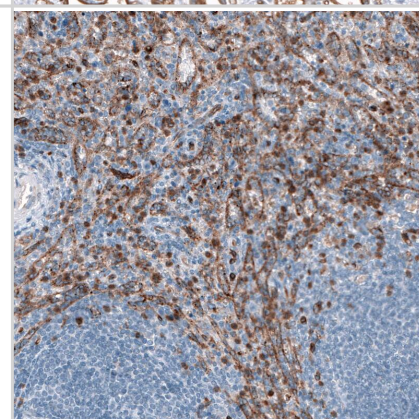
Staining of human skin shows no positivity in keratinocytes as expected.



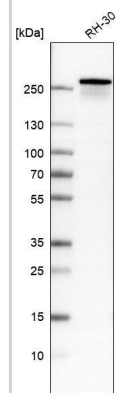
Staining of human placenta shows moderate membranous positivity in trophoblastic cells.



Staining of human spleen shows moderate positivity in cells in red pulp.



Analysis in human cell line RH-30.





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### **Products Related to NBP3-43895**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBP1-84695PEP    | Dysferlin Recombinant Protein Antigen                   |

### **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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