

# Product Datasheet

## SIRP alpha/CD172a Antibody (BLR049F) NBP3-14675

Unit Size: 100 ul

Store at 2 - 8 C / 1 year from date of receipt

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Updated 9/9/2025 v.20.1

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**NBP3-14675**

SIRP alpha/CD172a Antibody (BLR049F)

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 2 - 8 C / 1 year from date of receipt                                              |
| Clonality           | Monoclonal                                                                                  |
| Clone               | BLR049F                                                                                     |
| Preservative        | 0.09% Sodium Azide                                                                          |
| Purity              | >95%                                                                                        |
| Buffer              | Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and                                       |

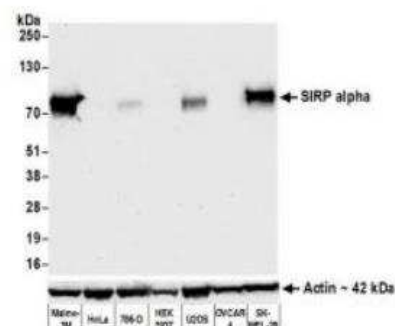
| Product Description |                                                                                                                                                                                                                                  |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit SIRP alpha/CD172a Antibody (BLR049F) (NBP3-14675) is a recombinant monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                           |
| Gene ID             | 140885                                                                                                                                                                                                                           |
| Gene Symbol         | SIRPA                                                                                                                                                                                                                            |
| Species             | Human                                                                                                                                                                                                                            |
| Immunogen           | residues 31-368 (ECD)                                                                                                                                                                                                            |

| Product Application Details |                                                                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation                                                                  |
| Recommended Dilutions       | Western Blot 1:1000, Immunohistochemistry 1:100- 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 20 ul/1 mg lysate, Immunohistochemistry-Paraffin 1:100- 1:500 |
| Application Notes           | Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.                                                                                                             |

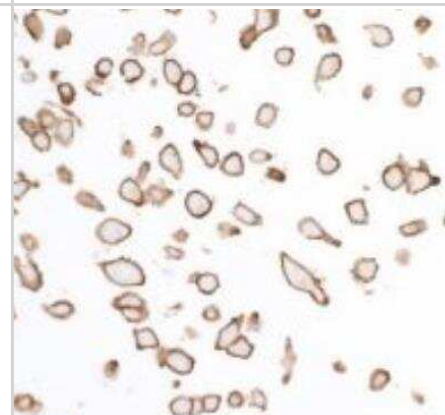


## Images

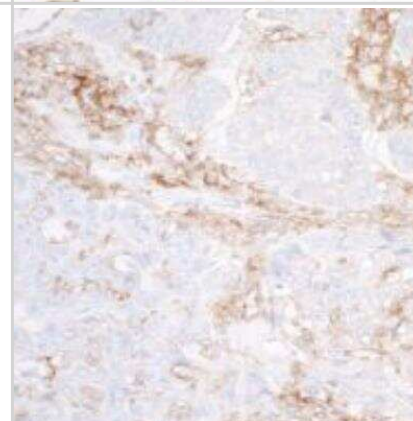
**Western Blot:** SIRP alpha/CD172a Antibody [NBP3-14675] - Whole cell lysate (50 ug) from Malme-3M, HeLa, 786-O, HEK293T, U2OS, OVCAR-4, and SK-MEL-28 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-SIRP alpha recombinant monoclonal antibody used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG. Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit antiActin.



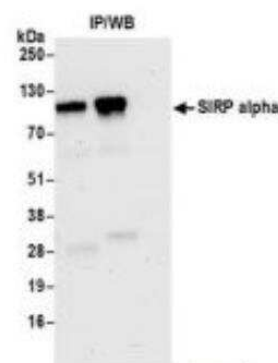
**Immunocytochemistry/Immunofluorescence:** SIRP alpha/CD172a Antibody [NBP3-14675] - Malme-3M cells. Antibody: Rabbit anti-SIRP alpha recombinant monoclonal antibody used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



**Immunohistochemistry-Paraffin:** SIRP alpha/CD172a Antibody [NBP3-14675] - Human breast carcinoma. Antibody: Rabbit anti-SIRP alpha recombinant monoclonal antibody [BLR049F] used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



**Immunoprecipitation:** SIRP alpha/CD172a Antibody [NBP3-14675] - Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from SK-MEL-28 cells prepared using NETN lysis buffer. Antibodies: Rabbit antiSIRP alpha recombinant monoclonal antibody used for IP at 20 ul per reaction. SIRP alpha was also immunoprecipitated by rabbit anti-SIRP alpha recombinant monoclonal antibody. For blotting immunoprecipitated SIRP alpha, was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.





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### **Products Related to NBP3-14675**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-58429PEP | SIRP alpha/CD172a Recombinant Protein Antigen       |
| 210-TA-005    | TNF-alpha [Unconjugated]                            |

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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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