

# Product Datasheet

## S100A4 Antibody (S100A4/1481) [PerCP] NBP2-54580PCP

Unit Size: 100 ul

Store at 4C in the dark.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP2-54580PCP**

S100A4 Antibody (S100A4/1481) [PerCP]

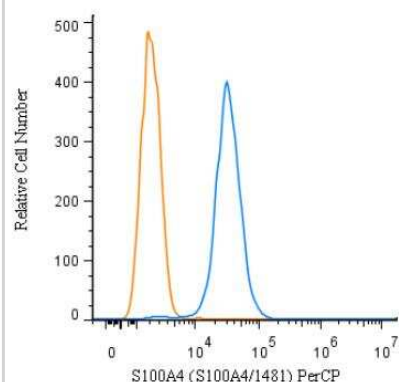
| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 100 ul                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | S100A4/1481                                                                                 |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1 Kappa                                                                                  |
| Conjugate           | PerCP                                                                                       |
| Purity              | Protein A or G purified                                                                     |
| Buffer              | PBS                                                                                         |

| 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             | 6275                                                                                                                                                                                  |
| Gene Symbol         | S100A4                                                                                                                                                                                |
| Species             | Human, Mouse                                                                                                                                                                          |
| Marker              | Marker of Tumor Metastasis                                                                                                                                                            |
| Immunogen           | Recombinant fragment (around aa 1-200) of human S100A4 protein (exact sequence is proprietary) (Uniprot: P26447)                                                                      |

| Product Application Details |                                                                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Protein Array, Flow (Intracellular), CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                              |

**Images**

Flow Cytometry: S100A4 Antibody (S100A4/1481) [PerCP] [NBP2-54580PCP] - An intracellular stain was performed on U937 cells with S100A4 Antibody [S100A4/1481] NBP2-54580PCP (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to PerCP.



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## Publications

Sulaiman R, De P, Aske J et al. Patient-Derived Primary Cancer-Associated Fibroblasts Mediate Resistance to Anti-Angiogenic Drug in Ovarian Cancers Biomedicines 2023-01-01 [PMID: 36672620] (FLOW, Human)

Details:

Intracellular Flow





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-54580PCP**

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|                     |                                                       |
|---------------------|-------------------------------------------------------|
| NBP1-43319PCP-0.5ml | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [PerCP] |
| NBP1-72326-0.1mg    | Recombinant Mouse S100A4 His Protein                  |
| DMP900              | MMP-9 [HRP]                                           |
| 4137-S4-050         | S100A4                                                |

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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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