

# Product Datasheet

## S100A8 Antibody (48M7C7) - Azide and BSA Free NBP2-25269

Unit Size: 0.1 mg

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

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**NBP2-25269**

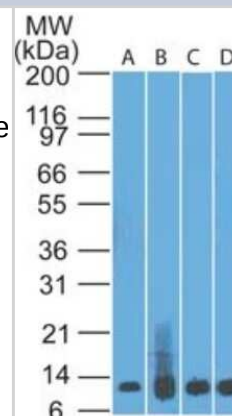
S100A8 Antibody (48M7C7) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                         |
| Concentration               | 0.5 mg/ml                                                                                                                                                                                                                      |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                                                                     |
| Clone                       | 48M7C7                                                                                                                                                                                                                         |
| Preservative                | No Preservative                                                                                                                                                                                                                |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                    |
| Purity                      | Protein G purified                                                                                                                                                                                                             |
| Buffer                      | Sterile - filtered PBS                                                                                                                                                                                                         |
| Product Description         |                                                                                                                                                                                                                                |
| Description                 | Novus Biologicals Mouse S100A8 Antibody (48M7C7) - Azide and BSA Free (NBP2-25256) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Mouse                                                                                                                                                                                                                          |
| Gene ID                     | 6279                                                                                                                                                                                                                           |
| Gene Symbol                 | S100A8                                                                                                                                                                                                                         |
| Species                     | Human, Mouse                                                                                                                                                                                                                   |
| Immunogen                   | Within the range of amino acids 2-105 of human S100A8 were used as the immunogen for the antibody.                                                                                                                             |
| Product Application Details |                                                                                                                                                                                                                                |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                     |
| Recommended Dilutions       | Western Blot 0.5-2 ug/ml, Flow Cytometry, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 2-4 ug/ml                                                                    |

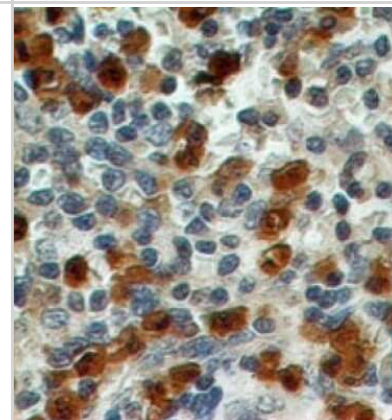


## Images

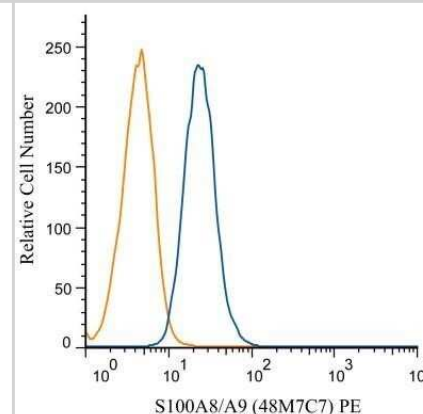
**Western Blot:** S100A8/A9 Antibody (48M7C7) - Azide Free [NBP2-25269] - analysis of S100A8 in A) recombinant protein, B) human spleen, C) HL60 and D) PC3 lysate using S100A8 antibody at 0.5 ug/ml. goat anti-mouse Ig HRP secondary antibody and PicoTest ECL substrate solution were used for this test.



**Immunohistochemistry-Paraffin:** S100A8/A9 Antibody (48M7C7) - Azide Free [NBP2-25269] - Formalin-fixed, paraffin-embedded human spleen stained with S100A8 antibody (2 ug/ml), peroxidase-conjugate and DAB chromogen. TMA was used for this test.



**Flow Cytometry:** S100A8/A9 Antibody (48M7C7) - Azide Free [NBP2-25269] - Analysis of PE conjugate of NBP2-25256. An intracellular stain was performed on SH-SY5Y cells with S100A8/A9 (48M7C7) antibody NBP2-25269PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin.





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### **Products Related to NBP2-25269**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)    |
| NBP2-25269B      | S100A8 Antibody (48M7C7) [Biotin]                       |

### **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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