

# Product Datasheet

## **S100A8 Antibody (48M7C7)** **NBP2-25256**

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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**NBP2-25256**

S100A8 Antibody (48M7C7)

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 mg   |
| <b>Concentration</b> | 0.5 mg/ml  |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>     | Monoclonal   |
| <b>Clone</b>         | 48M7C7   |
| <b>Preservative</b>  | 0.05% Sodium Azide   |
| <b>Isotype</b>       | IgG2b Kappa  |
| <b>Purity</b>        | Protein G purified   |
| <b>Buffer</b>        | PBS and 0.05% BSA  |

**Product Description**

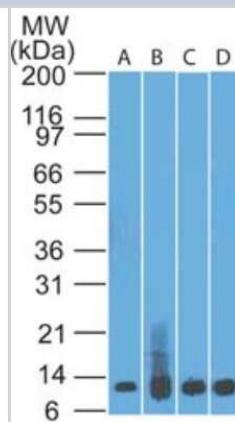
|                    |   |
|--------------------|---|
| <b>Description</b> | Novus Biologicals Mouse S100A8 Antibody (48M7C7) (NBP2-25256) is a monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse   |
| <b>Gene ID</b>     | 6279  |
| <b>Gene Symbol</b> | S100A8  |
| <b>Species</b>     | Human, Mouse  |
| <b>Immunogen</b>   | aa2-93 of human S100A8 with C-terminal His-tag  |

**Product Application Details**

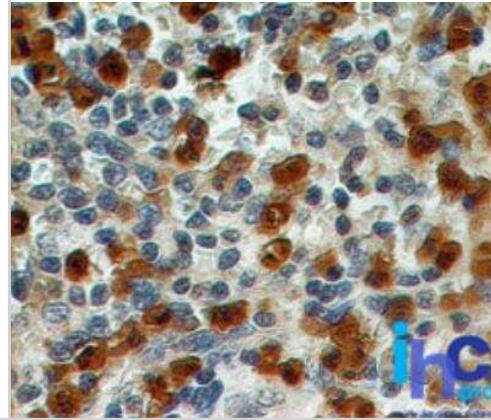
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry                                    |
| <b>Recommended Dilutions</b> | Western Blot 1:100-1:2000, Flow Cytometry, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500 |

## Images

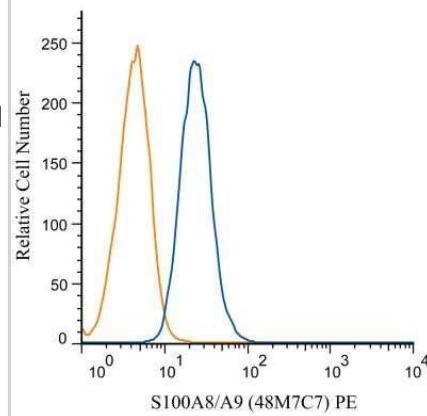
Western Blot: S100A8/A9 Antibody (48M7C7) [NBP2-25256] - Analysis in A) recombinant protein, B) human spleen, C) HL60 and D) PC3 lysate using S1008A antibody at 0.5 ug/ml. Goat anti-Mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunohistochemistry-Paraffin: S100A8/A9 Antibody (48M7C7) [NBP2-25256] - FFPE 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) [NBP2-25256] - 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 NBP2-25256

|                  |   |
|------------------|---|
| 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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