

# Product Datasheet

## Macrophage and Histiocytoma Marker Antibody (D11) - Azide and BSA Free NBP3-11429

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-11429****Macrophage and Histiocytoma Marker Antibody (D11) - Azide and BSA Free**

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 mg   |
| <b>Concentration</b>               | 1 mg/ml  |
| <b>Storage</b>                     | Store at -20 to -80C. Avoid freeze-thaw cycles.  |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | D11  |
| <b>Preservative</b>                | No Preservative  |
| <b>Isotype</b>                     | IgG1 Kappa   |
| <b>Purity</b>                      | Protein A or G purified  |
| <b>Buffer</b>                      | 10 mM PBS  |
| <b>Product Description</b>         |  |
| <b>Description</b>                 | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-45278).<br><br>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.  |
| <b>Host</b>                        | Mouse  |
| <b>Species</b>                     | Human, Mouse (Negative), Porcine (Negative), Rat (Negative)  |
| <b>Reactivity Notes</b>            | Does not react with Mouse, Rat or Porcine.   |
| <b>Marker</b>                      | Macrophage & Histiocytoma Marker   |
| <b>Specificity/Sensitivity</b>     | In Western blotting, it detects an antigen of 125kDa in human liver and 135kDa in tumors of histiocytic origin. Comparative study of this monoclonal antibody and a standard CD68 monoclonal antibody showed that their antigens are different. Its antigen in all macrophage types studied is located on the plasma membrane and within cytoplasmic structures including lysosomes. This monoclonal antibody shows a restricted reactivity to cells of the monocyte/macrophage system. It specifically reacts with blood monocytes and stains resident macrophages in a wide variety of human tissues. This monoclonal antibody does not stain antigen-presenting cells, e.g., Langerhans cells. Reportedly, its reactivity is restricted to histiocytes and macrophages. |
| <b>Immunogen</b>                   | Membrane preparation from human hepatocytes  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Immunohistochemistry, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml  |
| <b>Application Notes</b>           | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.  |



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### **Products Related to NBP3-11429**

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|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |

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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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