

# Product Datasheet

## Macrophage and Histiocytoma Marker Antibody (D11)

[Alexa Fluor® 647]

**NBP3-11429AF647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11429AF647****Macrophage and Histiocytoma Marker Antibody (D11) [Alexa Fluor® 647]**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	D11
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Alexa Fluor 647
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<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

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<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP3-11429AF647**

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IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
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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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