

Product Datasheet

CD68/SR-D1 Antibody (LAMP4/824) - Azide and BSA Free NBP2-47902-0.1mg

Unit Size: 0.1 mg

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

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NBP2-47902-0.1mg

CD68/SR-D1 Antibody (LAMP4/824) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	LAMP4/824
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	110 kDa

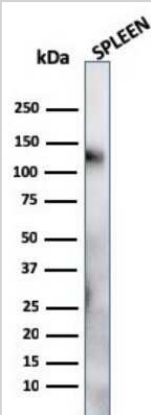
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44543). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	968
Gene Symbol	CD68
Species	Human
Marker	Macrophage Marker
Specificity/Sensitivity	This monoclonal antibody recognizes a glycoprotein of 110kDa, which is identified as CD68. It is important for identifying macrophages in tissue sections. It stains macrophages in a wide variety of human tissues, including Kupffer cells and macrophages in the red pulp of the spleen, in lamina propria of the gut, in lung alveoli, and in bone marrow. It reacts with myeloid precursors and peripheral blood granulocytes. It also reacts with plasmacytoid T cells, which are supposed to be of monocyte/macrophage origin. It shows strong granular cytoplasmic staining of chronic and acute myeloid leukemia and also reacts with rare cases of true histiocytic neoplasia. Lymphomas are negative or show few granules.
Immunogen	Recombinant full-length human LAMP4 / CD68/SR-D1 protein (Uniprot: P34810)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, CyTOF-ready
Application Notes	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.

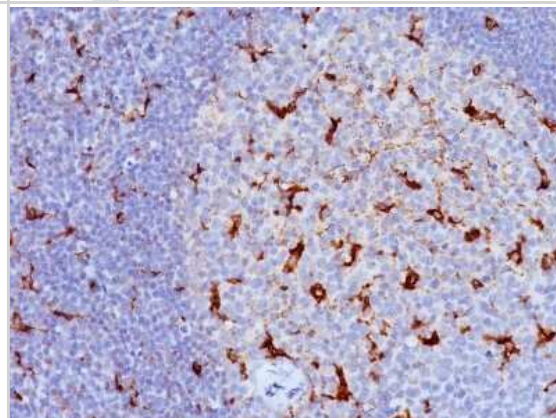


Images

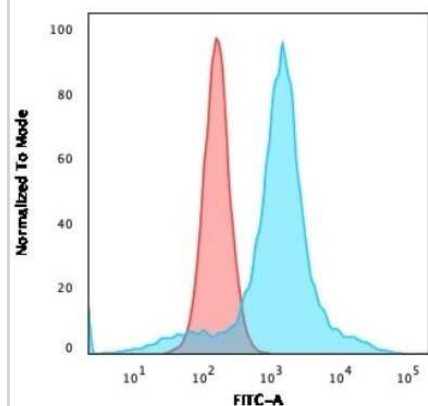
Western Blot: CD68/SR-D1 Antibody (LAMP4/824) - Azide and BSA Free [NBP2-47902] - Western Blot Analysis of human Spleen tissue lysate using CD68/SR-D1 Antibody (LAMP4/824).



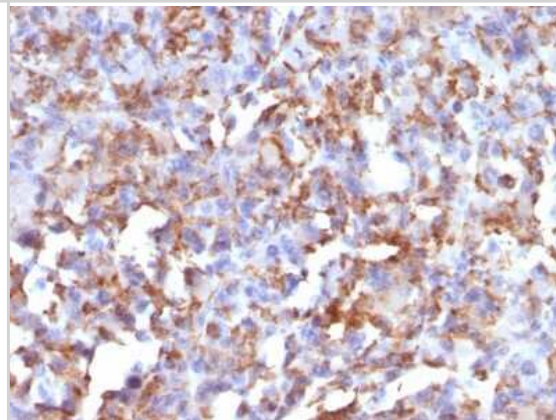
Immunohistochemistry-Paraffin: CD68/SR-D1 Antibody (LAMP4/824) - Azide and BSA Free [NBP2-47902] - Formalin-fixed, paraffin-embedded human Tonsil stained with CD68/SR-D1 Antibody (LAMP4/824).



Flow Cytometry: CD68/SR-D1 Antibody (LAMP4/824) - Azide and BSA Free [NBP2-47902] - Flow Cytometric Analysis of U87MG cells using CD68/SR-D1 Antibody (LAMP4/824) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry-Paraffin: CD68/SR-D1 Antibody (LAMP4/824) - Azide and BSA Free [NBP2-47902] - Formalin-fixed, paraffin-embedded human Histiocytoma stained with CD68/SR-D1 Antibody (LAMP4/824).





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Products Related to NBP2-47902-0.1mg

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)
NBP2-22756	Recombinant Human CD68/SR-D1 His Protein

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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