

Product Datasheet

CD68/SR-D1 Antibody (514H12) NB100-65101

Unit Size: 0.1 ml

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

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NB100-65101

CD68/SR-D1 Antibody (514H12)

Product Information

Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	514H12
Preservative	0.01% Sodium Azide
Isotype	IgG2a
Purity	Tissue culture supernatant
Buffer	Tissue Culture Supernatant

Product Description

Host	Mouse
Gene ID	968
Gene Symbol	CD68
Species	Human
Marker	Histiocytic Marker
Specificity/Sensitivity	This CD68/SR-D1 Antibody (514H12) recognizes the human CD68 cell surface antigen
Immunogen	Fusion protein corresponding to external domain of human CD68

Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Western Blot (Negative)
Recommended Dilutions	Immunohistochemistry 1:40 - 1:80, Immunohistochemistry-Paraffin 1:40-1:80, Immunohistochemistry-Frozen 1:10-1:500, Western Blot (Negative)
Application Notes	This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. 1mM EDTA pH8.0 is recommended for this purpose. Does not work in Western Blotting.

Images

Immunohistochemistry-Paraffin: CD68/SR-D1 Antibody (514H12) [NB100-65101] - Detection of Mouse anti Human CD68 (NB100-65101) in an immunohistochemical analysis of formalin fixed, paraffin embedded tonsil section following heat mediated antigen retrieval with TRIS-EDTA buffer, pH9.0 using the Histar Detection Kit.



Publications

Wei J, Besner GE. M1 to M2 macrophage polarization in heparin-binding epidermal growth factor-like growth factor therapy for necrotizing enterocolitis Journal of Surgical Research 2015-03-18 [PMID: 25913486] (IHC-P, Human)

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Coury, F et al. Langerhans cell histiocytosis reveals a new IL-17A-dependent pathway of dendritic cell fusion. Nat Med 14: 81-7. 2008-01-01 [PMID: 18157139]

Silaghi, A et al. Expression of adrenomedullin in human epicardial adipose tissue: role of coronary status. Am J Physiol Endocrinol Metab 293: E1443-50. 2007-01-01 [PMID: 17878224]

Angel, CE et al. CD14+ antigen-presenting cells in human dermis are less mature than their CD1a+ counterparts. Int Immunol 19: 1271-9. 2007-01-01 [PMID: 17804688]

Hever, A et al. Human endometriosis is associated with plasma cells and overexpression of B lymphocyte stimulator. Proc Natl Acad Sci U S A 104: 12451-6. 2007-01-01 [PMID: 17640886]

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Wang, X et al. Monocyte/macrophage and T-cell infiltrates in peritoneum of patients with ovarian cancer or benign pelvic disease. J Transl Med 4: 30. 2006-01-01 [PMID: 16824216]

Paulmyer-Lacroix, O et al. Expression of adrenomedullin in adipose tissue of lean and obese women. Eur J Endocrinol 155: 177-85. 2006-01-01 [PMID: 16793965]

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da Costa, CE et al. Presence of osteoclast-like multinucleated giant cells in the bone and nonostotic lesions of Langerhans cell histiocytosis. J Exp Med 201: 687-93. 2005-01-01 [PMID: 15753204]

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Products Related to NB100-65101

NBL1-08962	CD68/SR-D1 Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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