

Product Datasheet

Dendritic Cells Antibody (MIDC-8) NB100-64608

Unit Size: 1 ml

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

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NB100-64608**Dendritic Cells Antibody (MIDC-8)****Product Information**

Unit Size	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	MIDC-8
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Tissue culture supernatant
Buffer	0.2 M Tris-HCl (pH 7.4), 5 - 10% Fetal Bovine Serum (FBS)

Product Description

Host	Rat
Species	Mouse
Marker	Dendritic Cell Marker
Specificity/Sensitivity	NB100-64608 is located in the cytoplasm as distinct spots near the nucleus. The antigen is found in dendritic cells; MIDC-8 does not stain thymic epithelial cells which are the major contaminants in thymic dendritic cell preparations. The antigen is also absent in blood cells, bone marrow cells or macrophages isolated from the peritoneal cavity. The antigen is found in interdigitating cells in T cell dependent areas of secondary lymphoid organs, the medulla of thymus, veiled cells, and very weakly in Langerhans cells.
Immunogen	Made to Mouse DENDRITIC/INTERDIGITATING CELLS

Product Application Details

Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:25
Application Notes	Use in FLOW cytometry reported in scientific literature (PMID 11877283).

Publications

Liang H, Yan Y, Wu J et al. Topical nanoparticles interfering with the DNA-LL37 complex to alleviate psoriatic inflammation in mice and monkeys Science Advances 2020-07-31 [PMID: 32923608] (Immunohistochemistry, In vivo assay, Block/Neutralize)

McLellan AD, Kapp M, Eggert A et al. Anatomic location and T-cell stimulatory functions of mouse dendritic cell subsets defined by CD4 and CD8 expression. Blood. 2002-03-15 [PMID: 11877283] (FLOW, Mouse)

Details:

This citation used the FITC version of this antibody.





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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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