

# 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**

<b>Unit Size</b>	1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MIDC-8
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	0.2 M Tris-HCl (pH 7.4), 5 - 10% Fetal Bovine Serum (FBS)

**Product Description**

<b>Host</b>	Rat
<b>Species</b>	Mouse
<b>Marker</b>	Dendritic Cell Marker
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Made to Mouse DENDRITIC/INTERDIGITATING CELLS

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:25
<b>Application Notes</b>	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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