

# Product Datasheet

## CLEC10A/CD301 Antibody (ER-MP23) [FITC] NB100-64874F

Unit Size: 0.125 ml

Store at 4C in the dark.

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**NB100-64874F****CLEC10A/CD301 Antibody (ER-MP23) [FITC]**

<b>Product Information</b>	
<b>Unit Size</b>	0.125 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>	ER-MP23
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Conjugate</b>	FITC
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	10462
<b>Gene Symbol</b>	CLEC10A
<b>Species</b>	Mouse
<b>Reactivity Notes</b>	0
<b>Specificity/Sensitivity</b>	NB100-64874 recognizes murine CD301, a 38 kD cell surface protein that is otherwise known as macrophage galactose N-acetylgalactosamine lectin (MGL) or dendritic cell asialoglycoprotein (DC-ASGPR). In mice, CD301 is predominantly expressed on mature macrophages found associated with a wide range of connective tissues including macrophages in the dermis and the pancreas. Clone ER-MP23 also detects a population of dendritic cells in lymphoid tissue, which are probably recent immigrants from peripheral connective tissue sites. Expression of CD301 is induced by alternative (i.e. IL-4/IL-13 mediated) activation of macrophages and dendritic cells, but not all CD301 positive cells are necessarily IL-4/IL-13 stimulated. Clone ER-MP23 is reported to block the function of mouse CD301. The antibody binds both MGL1 and MGL2 homologues.
<b>Immunogen</b>	Balb/c macrophage precursor cell hybrids
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB100-64874F**

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NBP1-84591PEP	CLEC10A/CD301 Recombinant Protein Antigen
H00008294-P01-10ug	Recombinant Human HIST1H4I GST (N-Term) Protein
4888-CL-050	CLEC10A/CD301
NB100-56745	NGFI-B alpha/Nur77/NR4A1 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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