

# Product Datasheet

## Integrin alpha E/CD103 Antibody (2G5.1) NB100-65271

Unit Size: 0.1 mg

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

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**NB100-65271****Integrin alpha E/CD103 Antibody (2G5.1)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<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>	2G5.1
<b>Preservative</b>	<0.1% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS, 0.5% Bovine Serum Albumin
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Integrin alpha E/CD103 Antibody (2G5.1) (NB100-65271) is a monoclonal antibody validated for use in IHC, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3682
<b>Gene Symbol</b>	ITGAE
<b>Species</b>	Human
<b>Reactivity Notes</b>	Predicted cross-reactivities: Rhesus Monkey, Cynomolgus monkey
<b>Specificity/Sensitivity</b>	NB100-65271 recognizes the human CD103 cell surface antigen, also known as the alphaE integrin. This reacts with various subsets of human intra-epithelial lymphocytes:- 40% of lamina propria T-cells; 30% of mesenteric lymphoblasts and some lymphocytes from other mucosa. It recognizes less than 0.1% bone marrow cells and less than 0.7% PBL.
<b>Immunogen</b>	Human intestinal lymphocytes
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:50-1:100, Immunofluorescence
<b>Application Notes</b>	The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. The use of acetone fixation for frozen sections is recommended.



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### **Products Related to NB100-65271**

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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)
H00003682-Q01-10ug	Recombinant Human Integrin alpha E/CD103 GST (N-Term) Protein

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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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