

# Product Datasheet

## Fc epsilon RI Antibody (9E1) - BSA Free NB100-63269

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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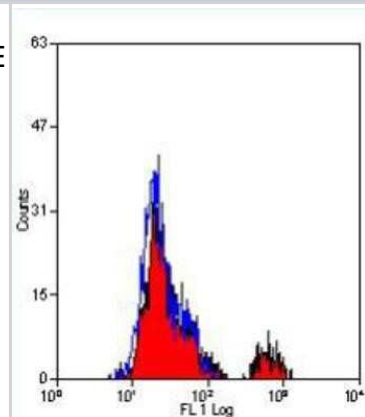
**NB100-63269**

Fc epsilon RI Antibody (9E1) - BSA Free

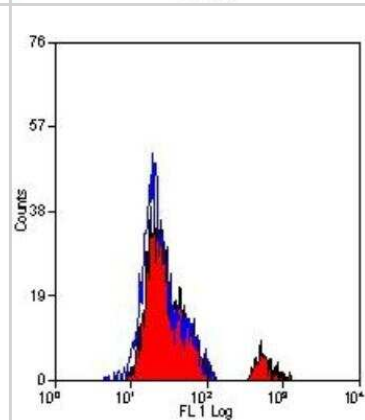
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	9E1
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2205
<b>Gene Symbol</b>	FCER1A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	NB100-63269 recognizes the human high affinity Fc receptor for IgE (Fc epsilon R1), which plays a central role in the IgE-mediated allergic response. Fc epsilon R1 consists of four subunits, a high affinity IgE binding alpha subunit, a beta chain and two di-sulphide linked gamma subunits. Clone 9E1 specifically recognizes the extracellular D1 domain of the Fc epsilon R1 alpha chain. Fc epsilon R1 is primarily expressed on mast cells and basophils but expression of Fc epsilon R1 has also been reported on monocytes, Langerhans cells and dendritic cells from patients with atopic diseases.
<b>Immunogen</b>	Made to Human Fc EPSILON R1 ALPHA
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:50-1:100, ELISA 1:100-1:2000, Immunoprecipitation 1:10-1:500

## Images

Flow Cytometry: Fc epsilon RI Antibody (9E1) [NB100-63269] - Staining of human peripheral blood cells with Mouse anti Human Fc epsilon RI PE showing staining of eosinophils.



Flow Cytometry: Fc epsilon RI Antibody (9E1) [NB100-63269] - Staining of human peripheral blood cells with MOUSE ANTI HUMAN FC EPSILON R1 showing staining of eosinophils.





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### **Products Related to NB100-63269**

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NBL1-14774	PKC epsilon Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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