

# Product Datasheet

## Fc epsilon RI Antibody (AER-37) - BSA Free NBP1-43278-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-43278-0.1mg**

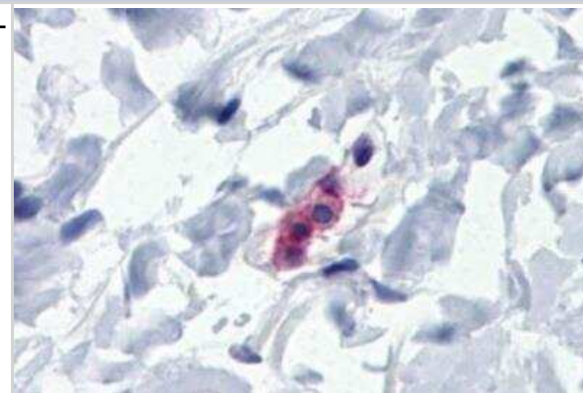
Fc epsilon RI Antibody (AER-37) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	AER-37
Preservative	0.09% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)
Product Description	
Host	Mouse
Gene ID	2205
Gene Symbol	FCER1A
Species	Human
Reactivity Notes	Use in Human reported in scientific literature (PMID:33741501).
Immunogen	The immunogen for this antibody was FcεRI alpha.
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry 1:10-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	The AER-37 antibody has been tested by flow cytometric analysis of peripheral blood leukocytes. This can be used at less than or equal to 1 ug per test. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test.

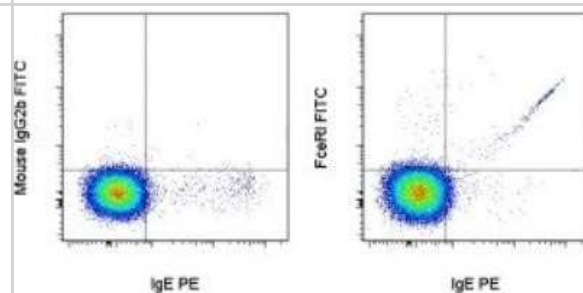


## Images

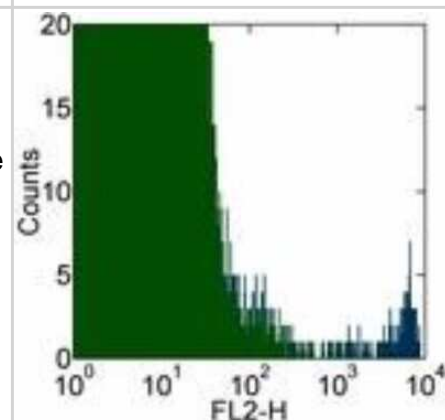
Immunohistochemistry-Paraffin: Fc epsilon RI Antibody (AER-37) [NBP1-43278] - Staining of human mast cell in human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.



Flow Cytometry: Fc epsilon RI Antibody (AER-37) [NBP1-43278] - Analysis using the FITC conjugate of NBP1-43278. Staining of normal human peripheral blood cells with Anti-Human IgE PE and Mouse IgG2b K Isotype Control FITC (left) or Anti-Human Fc epsilon Receptor I alpha (FceR1) FITC (right).



Flow Cytometry: Fc epsilon RI Antibody (AER-37) [NBP1-43278] - Staining of normal human peripheral blood cells with Mouse IgG2b kappa Isotype Control Purified (green histogram) or Anti-Human Fc epsilon Receptor I a (FcepsilonR1) Purified (blue histogram) followed by Anti-Mouse IgG Biotin and Streptavidin PE. Cells in the lymphocyte gate were used for analysis.



## Publications

Wegscheid ML Genetic Risk Factors for Neurodevelopmental Disorders: Insights from hiPSC-Cerebral Organoids Thesis 2022-01-01 (IF/IHC)

Keck S, Galati-Fournier V, Kym U et al. Lack of mucosal cholinergic innervation is associated with increased risk of enterocolitis in Hirschsprung's disease Cellular and molecular gastroenterology and hepatology 2021-03-16 [PMID: 33741501] (Human)



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### **Products Related to NBP1-43278-0.1mg**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-43278PCP	Fc epsilon RI Antibody (AER-37) [PerCP]

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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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