

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)

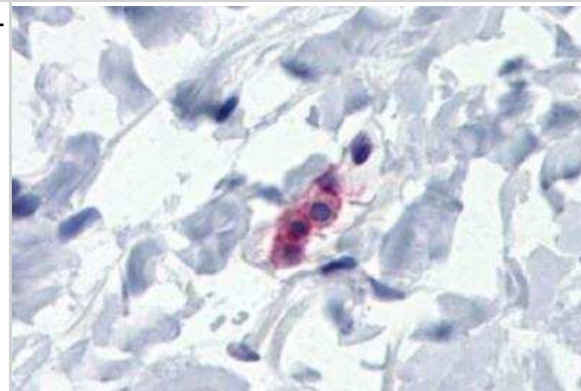
Product Description	
Description	Novus Biologicals Mouse Fc epsilon RI Antibody (AER-37) - BSA Free (NBP1-43278) is a monoclonal antibody validated for use in IHC and Flow. Anti-Fc epsilon RI Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
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	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
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 ⁵ to 10 ⁸ cells/test.

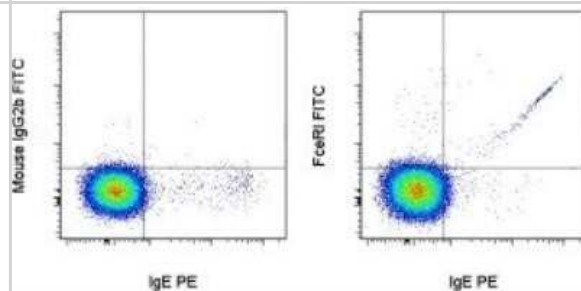


Images

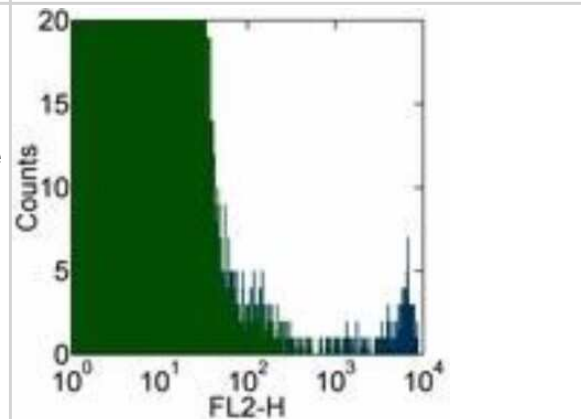
Immunohistochemistry-Paraffin: Fc epsilon RI Antibody (AER-37) [NBP1-43278] - Staining of human mast cell in human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 20 ug/ml.



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)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-43278-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-43278PCP	Fc epsilon RI Antibody (AER-37) [PerCP]

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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