

# Product Datasheet

## **Fc epsilon RI Antibody (IE7) - Chimeric - Azide and BSA Free** **NBP3-12052-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP3-12052-0.2mg**

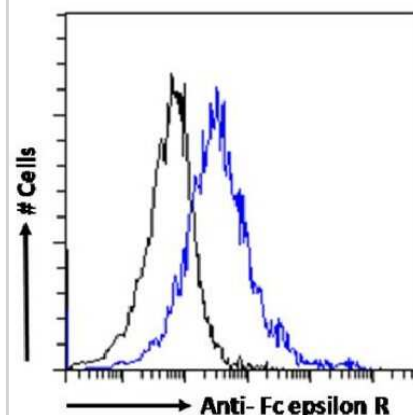
Fc epsilon RI Antibody (IE7) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	IE7
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	2205
Gene Symbol	FCER1A
Species	Human
Specificity/Sensitivity	This antibody binds to human Fc epsilon receptor, but does not compete with IgE binding.
Immunogen	Recombinant human protein, N-terminus.
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Application Notes	IE7 binds to human FCER1A, but does not compete with IgE binding or binding of the antibody IB10. This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

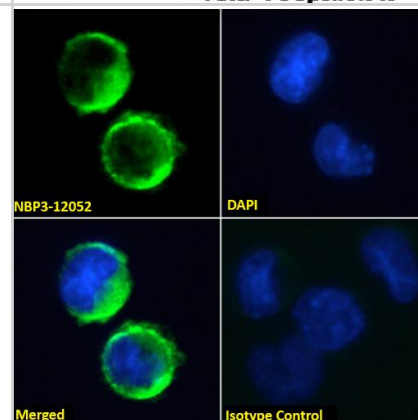


## Images

Flow Cytometry: Fc epsilon RI Antibody (IE7) - Chimeric [NBP3-12052] - U937 cells were stained with anti-Fluorescein IgG antibody (4-4-20; isotype control, black line) or the rabbit IgG version of IE7 (NBP3-12052, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-rabbit IgG AlexaFluor(R) 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Immunocytochemistry /Immunofluorescence: Fc epsilon RI Antibody (IE7) - Chimeric - Azide and BSA Free [NBP3-12052] - Immunofluorescence analysis of paraformaldehyde fixed U937 cells immobilized on Shi-fix(TM) cover-slips and stained with NBP3-12052 at 10 ug/ml followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12052, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody (NBP2-52638) followed by Alexa Fluor(R) 488 secondary antibody.





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### **Products Related to NBP3-12052-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-23043	Recombinant Human Fc epsilon RI His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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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