

# Product Datasheet

## Fc epsilon RI Antibody (IB10) - Chimeric - Azide and BSA Free NBP3-12050-0.2mg

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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**NBP3-12050-0.2mg**

Fc epsilon RI Antibody (IB10) - Chimeric - Azide and BSA Free

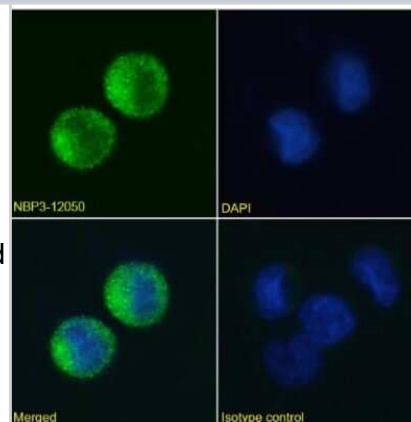
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	IB10
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit Fc epsilon RI Antibody (IB10) - Chimeric - Azide and BSA Free (NBP3-12050) is a recombinant monoclonal antibody validated for use in Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2205
Gene Symbol	FCER1A
Species	Human
Specificity/Sensitivity	This antibody binds to human Fc epsilon receptor and competes with IgE binding.
Immunogen	Recombinant human protein, N-terminus.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	IB10 competes with IgE for binding to human FCER1A; consequently, its binding to mast cells and basophils is decreased when IgE concentration is high, but it does block IgE binding to these cells. IB10 and IE7 do not crossblock each other's binding. 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**

Immunocytochemistry/Immunofluorescence: Fc epsilon RI Antibody (IB10) - Chimeric [NBP3-12050] - Immunofluorescence analysis of paraformaldehyde fixed U937 cells immobilized on Shi-fix(TM) coverslips and stained with the chimeric rabbit IgG version of IB10 (NBP3-12050) at 10 ug/ml followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing diffuse membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12050, 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 NBP3-12050-0.2mg

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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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