

# Product Datasheet

## IgE Antibody (BE5) - BSA Free NB500-470

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NB500-470**

IgE Antibody (BE5) - BSA Free

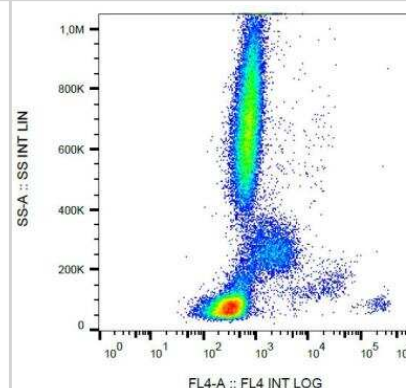
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	BE5
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4

Product Description	
Description	Novus Biologicals Mouse IgE Antibody (BE5) - BSA Free (NB500-470) is a monoclonal antibody validated for use in ELISA and Flow. Anti-IgE Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3497
Gene Symbol	IGHE
Species	Human
Specificity/Sensitivity	The antibody BE5 reacts with human IgE; it recognizes an epitope different from the ones recognized by 4G7 and 4H10 antibodies to IgE.
Immunogen	Purified human IgE.

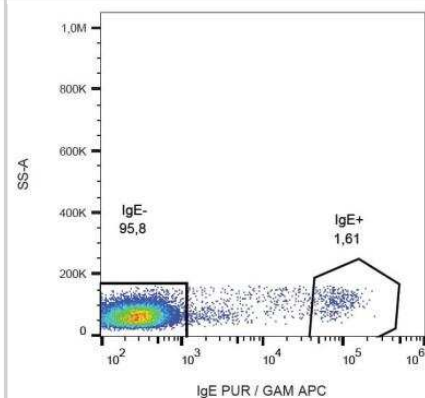
Product Application Details	
Applications	ELISA, Flow Cytometry
Recommended Dilutions	Flow Cytometry 5 ug/ml, ELISA 1:2000

**Images**

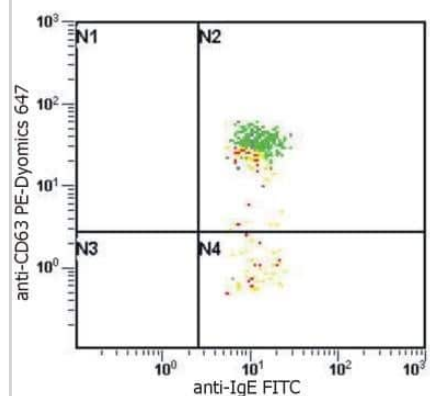
Flow Cytometry: IgE Antibody (BE5) [NB500-470] - Staining of IgE in human peripheral blood with anti-IgE (BE5) PE-CyTM5.



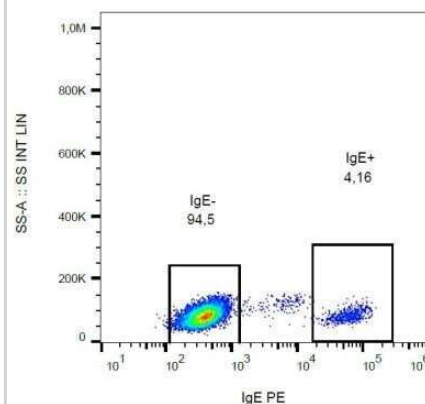
Flow Cytometry: IgE Antibody (BE5) [NB500-470] - Surface staining of IgE in human peripheral blood lymphocytes with anti-IgE (BE5) purified, GAM-APC.



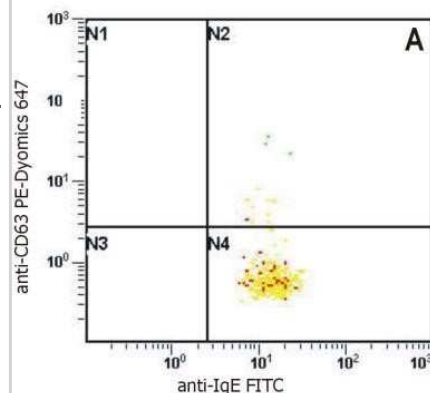
Flow Cytometry: IgE Antibody (BE5) [NB500-470] - Analysis of basophil activation upon stimulation of normal (heparin-treated) whole blood with combination of IL-3 and Goat anti-IgE polyclonal antibody. Fig. 1B - staining of IgE stimulated sample



Flow Cytometry: IgE Antibody (BE5) [NB500-470] - Surface staining of IgE in human peripheral blood with anti-IgE (BE5) PE.



Flow Cytometry: IgE Antibody (BE5) [NB500-470] - Flow Cytometry analysis of basophil activation upon stimulation of normal (heparin-treated) whole blood with combination of IL-3 and Goat anti-IgE polyclonal antibody. Fig. 1A - staining of non-stimulated (control) sample.



## Publications

Walsh DI, Murthy SK, Russom A. Ultra-High-Throughput Sample Preparation System for Lymphocyte Immunophenotyping Point-of-Care Diagnostics. J Lab Autom. 2016-10-01 [PMID: 26920576]

### Details:

This citation used the PE version of this antibody.



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### **Products Related to NB500-470**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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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