

Product Datasheet

Complement Factor B Antibody (014III-33.2.4.3) - (Ba fragment) - BSA Free NB100-64343

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-64343

Complement Factor B Antibody (014III-33.2.4.3) - (Ba fragment) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	014III-33.2.4.3
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Borate buffered saline
Product Description	
Host	Mouse
Gene ID	629
Gene Symbol	CFB
Species	Human
Specificity/Sensitivity	NB100-64343 recognizes the 30kDa Ba fragment of 90kDa human complement factor B, present in blood serum. C3b associates with complement factor B, inducing conformational change. This enables complement factor D to cleave the N-terminal of complement factor B (the Ba subunit), leaving the 63 kDa Bb subunit associated with C3b, forming C3 convertase. Subunit Ba inhibits lymphocyte proliferation. Conversely, subunit Bb is involved in the proliferation of preactivated B lymphocytes. NB100-64343 inhibits the function of factor B and binds both nascent factor B and the Ba cleavage product. Removal of Sodium Azide is recommended prior to use in functional assays.
Immunogen	Purified human complement factor b
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Functional
Application Notes	Cone 014III33.2.4.3 binds both the Ba fragment and the whole protein so is not suitable for all ELISA applications.





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Products Related to NB100-64343

NBL1-09119	Complement Factor B Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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