

# Product Datasheet

## Complement C5 Antibody (557) - Azide Free NB110-12179

Unit Size: 0.05 mg

Store at 4C.

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**NB110-12179**

Complement C5 Antibody (557) - Azide Free

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	557
Preservative	No Preservative
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS, 0.1% BSA

Product Description	
Host	Mouse
Gene ID	727
Gene Symbol	C5
Species	Human
Specificity/Sensitivity	This reacts with an epitope on C5 and C5a.
Immunogen	BALB/c mice were immunized with human C5

Product Application Details	
Applications	Western Blot, ELISA, Functional, Immunoassay, Block/Neutralize
Recommended Dilutions	Western Blot 1:1000, ELISA 1:100-1:2000, Functional, Immunoassay, Block/Neutralize
Application Notes	IA: Use at an assay dependent dilution. Inhib: Use at an assay dependent dilution. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

**Publications**

Marques C, Hadjab F, Porcello A et Al. Mechanistic Insights into the Multiple Functions of Niacinamide: Therapeutic Implications and Cosmeceutical Applications in Functional Skincare Products Antioxidants (Basel) 2024-03-30 [PMID: 38671873]

Breithardt G. The ESC Ethics Committee. European heart journal 2019-07-21 [PMID: 31327011]

Gibot L, Montigny A, Baaziz H et al. Calcium Delivery by Electroporation Induces In Vitro Cell Death through Mitochondrial Dysfunction without DNA Damages Cancers 2020-02-12 [PMID: 32059457]

Liu C, Chan KW, Shen J et al. Polyetheretherketone Hybrid Composites with Bioactive Nanohydroxyapatite and Multiwalled Carbon Nanotube Fillers Polymers 2016-12-08 [PMID: 30974701]

Kola, A et al. Analysis of the C5a anaphylatoxin core domain using a C5a phage library selected on differentiated U937 cells. Mol Immunol , 36: 145. 1999-01-01 [PMID: 10378686]

Kola, A et al. Epitope mapping of a C5a neutralizing mAb using a combined approach of phage display, synthetic peptides and site-directed mutagenesis. Immunotechnology , 2: 115. 1996-01-01 [PMID: 9373320]

Klos, A et al. Detection of native human complement components C3 and C5 and their primary activation peptides C3a and C5a (anaphylatoxic peptides) by ELISAs with monoclonal antibodies. J Imm Meth , 111: 241. 1988-01-01 [PMID: 3260926] (WB)





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### **Products Related to NB110-12179**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00000727-Q01-10ug	Recombinant Human Complement C5 GST (N-Term) Protein

### **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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