

# Product Datasheet

## C5b-9 Antibody (aE11) - BSA Free NBP1-05120

Unit Size: 100 ug

Store at 4C in the dark.

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**NBP1-05120**

C5b-9 Antibody (aE11) - BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	aE11
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM Phosphate (pH 7.4) and 0.5M NaCl

**Product Description**

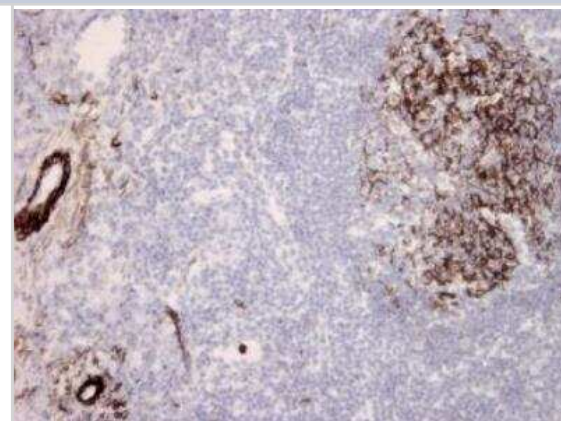
<b>Host</b>	Mouse
<b>Species</b>	Human, Porcine, Bacteria, Equine, Baboon
<b>Reactivity Notes</b>	Use in Bacteria reported in scientific literature (PMID:32900809).
<b>Specificity/Sensitivity</b>	Binds both membrane-bound MAC (active) and fluid-phase SC5b-9 complexes (inactive).
<b>Immunogen</b>	Purified C5b-9

**Product Application Details**

<b>Applications</b>	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Western Blot (Negative)
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Western Blot (Negative)
<b>Application Notes</b>	Use in Flow Cytometry reported in scientific literature (PMID:32900809).ELISA: NBP1-05120 is well suited for quantifying TCC in ELISA. WB: NBP1-05120 is not recommended for Western blotting as the epitope is destroyed during the process. IHC: TCC in various tissues by immunohistochemistry (frozen and paraffin sections). Use in ICC/IF reported in scientific literature (PMID: 27432952).

**Images**

Immunohistochemistry-Frozen: C5b-9 Antibody (aE11) - BSA Free [NBP1-05120] - Vascular endothelia and dendritic cells of germinal center have strong and intensive label. Dilution: 1:10.



## Publications

Abu-Humaidan AHA, Ahmad FM, Awajan D et al. Anti-SARS-Cov-2 S-RBD IgG Formed after BNT162b2 Vaccination Can Bind C1q and Activate Complement Journal of immunology research 2022-12-17 [PMID: 36573216] (ELISA, Human)

Loh JT, Zhang B, Teo JKH et al. Mechanism for the attenuation of neutrophil and complement hyperactivity by MSC exosomes Cytotherapy 2022-02-14 [PMID: 35177337] (FLOW, Human)

Xu J, Sun Y, Jiang J et al. Globular C1q Receptor (gC1qR/p32/HABP1) Suppresses the Tumor-Inhibiting Role of C1q and Promotes Tumor Proliferation in 1q21-Amplified Multiple Myeloma Frontiers in Immunology 2020-07-14 [PMID: 32760394] (IHC-P, Human)

Motley MP, Diago-Navarro E, Banerjee K et al. The Role of IgG Subclass in Antibody-Mediated Protection against Carbapenem-Resistant *Klebsiella pneumoniae* mBio 2020-09-08 [PMID: 32900809] (FLOW, Bacteria)

Details:  
*Klebsiella pneumoniae*

Cerbelli B, Pisano A, Colafrancesco S et al. Anti-aminoacyl-tRNA synthetase-related myositis and dermatomyositis: clues for differential diagnosis on muscle biopsy Virchows Arch. 2017-11-16 [PMID: 29147923] (Human)

Tan LX, Toops KA, Lakkaraju A. Protective responses to sublytic complement in the retinal pigment epithelium Proc. Natl. Acad. Sci. U.S.A. 2016-08-02 [PMID: 27432952] (IF/IHC, ICC/IF)





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### **Products Related to NBP1-05120**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-66708	Human C5b-9 ELISA Kit (Colorimetric)

### **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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