

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

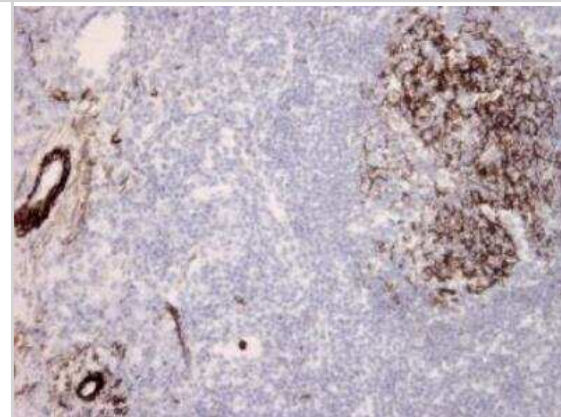
C5b-9 Antibody (aE11) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	aE11
Preservative	0.09% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl
Product Description	
Description	Novus Biologicals Mouse C5b-9 Antibody (aE11) - BSA Free (NBP1-05120) is a monoclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-C5b-9 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human, Porcine, Bacteria, Equine, Baboon
Reactivity Notes	Use in Bacteria reported in scientific literature (PMID:32900809).
Specificity/Sensitivity	Binds both membrane-bound MAC (active) and fluid-phase SC5b-9 complexes (inactive).
Immunogen	Purified C5b-9
Product Application Details	
Applications	Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Western Blot (Negative)
Recommended Dilutions	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)
Application Notes	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

Pitiot, A;Brandus, B;Iserentant, G;Rolin, C;Servais, JY;Fouquet, D;Chesnay, A;Richert, L;Briard, B;Si-Tahar, M;Mely, Y;Rassam, P;Zimmer, J;Desoubeaux, G;Dervillez, X;Seguin-Devau, C; Directed-complement killing of *Pseudomonas aeruginosa* protects against lethal pneumonia EBioMedicine 2025-09-16 [PMID: 40961506]

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)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-05120

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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