

Product Datasheet

Complement C3a Antibody (K13/16-5.7) - BSA Free NBP1-05122

Unit Size: 100 ug

Store at 4C in the dark.

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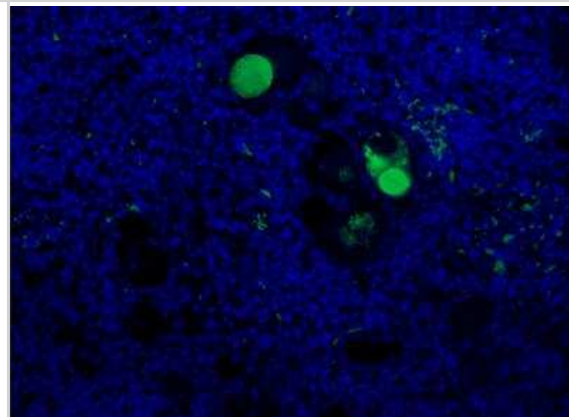
NBP1-05122

Complement C3a Antibody (K13/16-5.7) - BSA Free

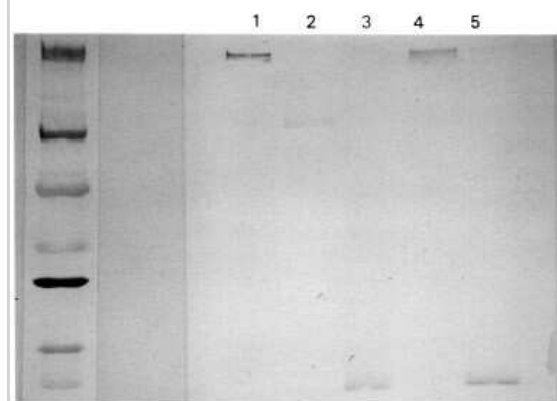
Product Information	
Unit Size	100 ug
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	K13/16-5.7
Preservative	0.9% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl
Product Description	
Host	Mouse
Gene ID	718
Gene Symbol	C3
Species	Human
Specificity/Sensitivity	Complement C3a Antibody (K13/16-5.7) - BSA Free is specific for human C3, C3a and C3a (desArg) and does not cross-react with C4a or C5a.
Immunogen	Complement C3a Antibody (K13/16-5.7) - BSA Free was developed against Human C3a.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA Capture
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:10000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:75, Immunohistochemistry-Paraffin 1:150, Sandwich ELISA Capture
Application Notes	ELISA: NBP1-05122 can be used as a capture antibody in sandwich ELISA with NBP2-23497 as a biotinylated detection antibody. (4, 5) NBP1-05122 can also be used to immunopurify C3a (3). NBP1-05122 effectively inhibits the biological activity of C3a in a guinea-pig platelet activation assay. (2) WB: NBP1-05122 was used in Western blotting. (2, 3, 5) IHC: NBP1-05122 was used in IHC in formaline fixed paraffin embedded tissue with a dilution of 1:150. IF: GAU 103-16 was used in IF with a dilution of 1:75.

Images

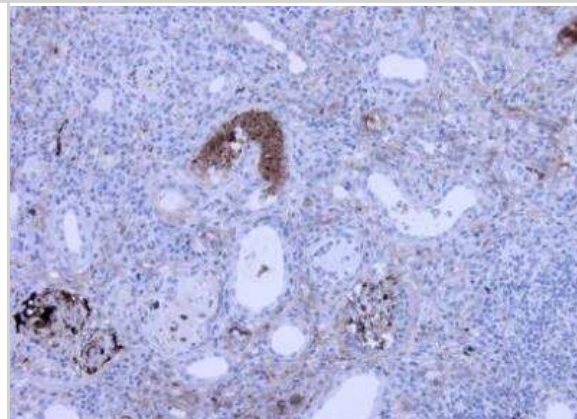
Immunohistochemistry: Complement C3a Antibody (K13/16-5.7) - BSA Free [NBP1-05122] - Staining in human kidney. Strong staining of plasma of nephritis kidney was seen. Dilution: 1:75.



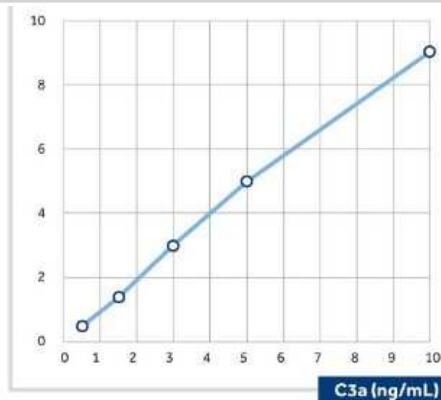
Western Blot: Complement C3a Antibody (K13/16-5.7) - BSA Free [NBP1-05122] - Lane 1: purified C3, lane 2: purified C3 reduced/DTT, lane 3: purified C3a, lane 4: EDTA-plasma. Lane 5: zymosan-activated serum



Immunohistochemistry-Paraffin: Complement C3a Antibody (K13/16-5.7) - BSA Free [NBP1-05122] - Staining of human kidney. Strong staining of veins of nephritis kidney was seen. Dilution: 1:150.



Sandwich ELISA Capture: Complement C3a Antibody (K13/16-5.7) - BSA Free [NBP1-05122] - The calibration curve of a sandwich assay for Complement C3a using NBP1-05122 as the capture antibody and NBP2-23496 as the biotinylated detection antibody.





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 NBP1-05122

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

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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