

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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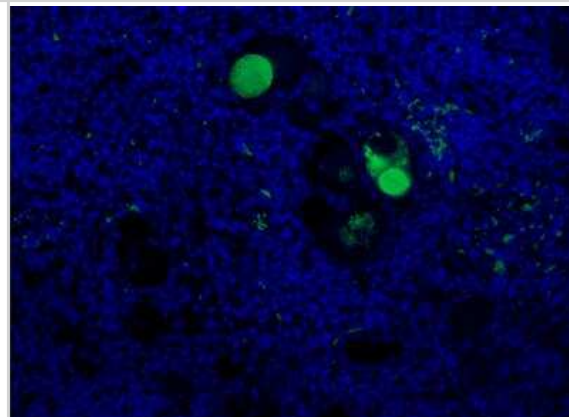


NBP1-05122**Complement C3a Antibody (K13/16-5.7) - BSA Free**

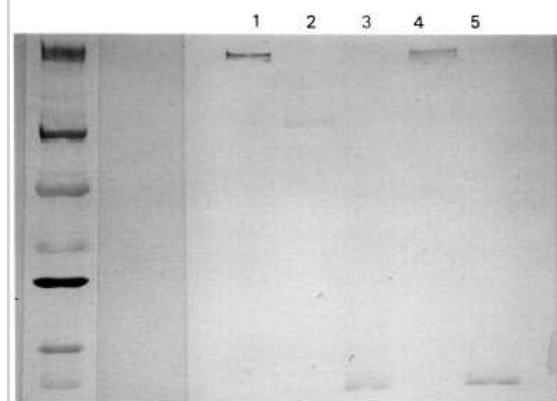
Product Information	
Unit Size	100 ug
Concentration	1.0 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	K13/16-5.7
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10mM Phosphate (pH 7.4) and 0.5M NaCl
Product Description	
Description	Novus Biologicals Mouse Complement C3a Antibody (K13/16-5.7) - BSA Free (NBP1-05122) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
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, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, 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

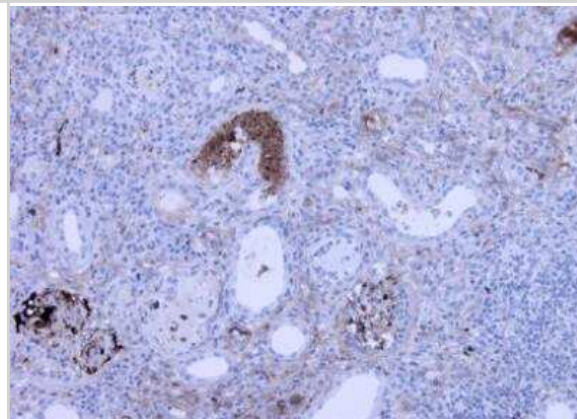
Immunohistochemistry: Complement C3a Antibody (K13/16-5.7) - BSA Free [NBP1-05122] - Staining in human kidney. Strong staining of plasma of nephritis kidney was seen. Dilution: 1:75.



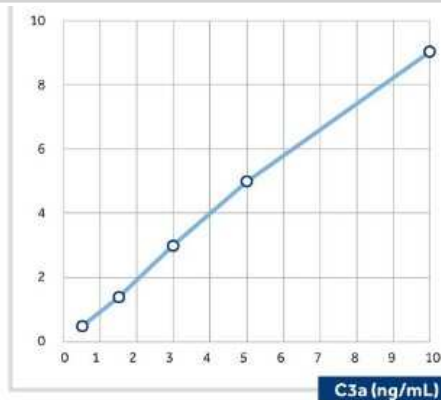
Western Blot: Complement C3a Antibody (K13/16-5.7) - BSA Free [NBP1-05122] - Lane 1: purified C3, lane 2: purified C3 reduced/DTT, lane 3: purified C3a, lane 4: EDTA-plasma. Lane 5: zymosan-activated serum



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.





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Products Related to NBP1-05122

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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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