

Product Datasheet

Complement C8A/B/G Antibody (056B-373) - BSA Free NB100-64340

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-64340

Complement C8A/B/G Antibody (056B-373) - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	056B-373
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Borate buffered saline (pH 8.2 - 8.4)
Product Description	
Description	Novus Biologicals Mouse Complement C8A/B/G Antibody (056B-373) - BSA Free (NB100-64340) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-Complement C8A/B/G Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	731
Gene Symbol	C8A
Species	Human
Specificity/Sensitivity	This antibody recognizes complement component 8 (C8), a 151 kDa member of the complement C6/C7/C8/C9 family, present in blood serum. C8 is a terminal component of the complement system, part of both the complement membrane attack complex (MAC), and important to MAC assembly. C8 binds to the C5b-7 complex, anchored to the membrane, creating C5b-8. C5b-8 binds C9 and catalyzes the polymerization of C9 molecules to form C5b-9 (MAC). C8 is thought to contain lipid binding sites, facilitating the insertion of MAC into the membrane. Defects in the alpha chain of C8 can result in complement C8 deficiency type I. Furthermore, C8 deficiencies can cause recurring bacterial infections, in particular from Neisseria meningitides.
Immunogen	Purified human C8
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500



Publications

Willis S, Polydoropoulou V, Sun Y et al. Exploratory Analysis of Single-Gene Predictive Biomarkers in HERA DASL Cohort Reveals That C8A mRNA Expression Is Prognostic of Outcome and Predictive of Benefit of Trastuzumab. *JCO Precis Oncol* 2018-01-11 [PMID: 32913993] (IF/IHC, Human)

Rosa, D. Deficiency of the eighth component of complement associated with recurrent meningococcal meningitis - case report and literature review. *Braz. J. Infect. Dis.* 8: 328-330. 2004-01-01 [PMID: 15565265]

Schreck, S et al. Human complement protein C8 gamma. *Biochim Biophys Acta* 1482: 199-208. 2000-01-01 [PMID: 11058761]





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Products Related to NB100-64340

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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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