

Product Datasheet

Complement Factor H Antibody (028B-244.2.10X (10-10)) [mFluor Violet 450 SE] NBP2-52743MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-52743MFV450

Complement Factor H Antibody (028B-244.2.10X (10-10)) [mFluor Violet 450 SE]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	028B-244.2.10X (10-10)
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	mFluor Violet 450 SE
Purity	Protein A purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	3075
Gene Symbol	CFH
Species	Human
Reactivity Notes	Reacts with Human.
Specificity/Sensitivity	NB100-64342 recognizes human complement factor H which exists in 2 forms. The most common form, of 150 kDa, and the less common form of 43 kDa. Factor H is secreted by the liver into the blood serum. It is important in regulating the complement pathway, preventing unnecessary inflammation which can damage the host tissue. Complement factor H functions as a cofactor in the inactivation of C3b by factor I. It makes C3b susceptible to cleavage by factor I, resulting in iC3b. Factor H also inhibits the formation of the C3bBb complex (C3 convertase) and increases the rate of dissociation of both C3 convertase and the (C3b)NBB complex (C5 convertase). This prevents these components of the classical and of alternative complement pathways from forming a positive feedback loop. Mutations in factor H are associated with hemolytic-uremic syndrome, age-related macular degeneration, membranoproliferative glomerulonephritis (MPGN) type II and chronic hypocomplementemic nephropathy.
Immunogen	Purified human factor H from serum.
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

Complement Factor H Antibody (10-10) [mFluor Violet 450 SE] [NBP2-52743MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.





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Products Related to NBP2-52743MFV450

NBP2-33933PEP	Complement Factor H Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
DY4779	Complement Factor H [Biotin]
M6000B-1	IL-6 [HRP]

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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