

Anti-Complement factor H (human, β 1H-globulin)

CAT. NO. GAU 020-03B

OVERVIEW

Product Name	Anti-Complement factor H (human, β 1H-globulin)	Conjugation	Biotin
Description	Mouse monoclonal antibody, biotinylated	Host	Mouse
Isotype	IgG1/k	Clone	L20/3
Tested Applications	ELISA		

SPECIFICITY

Specificity	GAU 020-03 is specific for complement factor H in human serum and plasma. Epitope specificity differs from that of GAU 018-03.		
Immunogen	Human Factor H	Gene ID	3075
Target	Factor H is a regulatory factor of the alternative pathway of complement activation. Factor H is a glycoprotein consisting of a single polypeptide chain with a molecular mass of 150 kDa.		
Species Reactivity POSITIVE	Human	Species Reactivity NEGATIVE	Not determined

PROPERTIES

Form	Liquid	Unit Size	0,15 mL
Concentration	1 mg/mL \pm 15%, See CoA for lot details		
Purification	Protein A or Protein G purified	Purification Notes	BSA free
Storage buffer	0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide		
Storage condition	2-8°C without exposure to light		
Safety	Wear protective clothing		

TESTED APPLICATIONS

ELISA	GAU 018-03 can be used as a capture antibody in sandwich ELISA with GAU 020-03 as a biotinylated detection antibody. (1, 2)
--------------	-----------------------------------------------------------------------------------------------------------------------------

SCIENTIFIC REFERENCES

1. Oppermann M, Baumgarten H, Brandt E, Gottsleben W, Kurts C, Gotze O (1990) Quantitation of components of the alternative pathway of complement (APC) by enzyme-linked immunosorbent assays. J Immunol Methods 133:181-190.
2. Oppermann M, Kurts C, Zierz R, Quentin E, Weber MH, Gotze O (1991) Elevated plasma levels of the immunosuppressive complement fragment Ba in renal failure. Kidney Int. 40:939-947.

CONDITIONS

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its products.