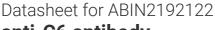
antibodies - online.com







anti-C6 antibody

Publications



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Overview		
Quantity:	100 μg	
Target:	C6	
Reactivity:	Rat	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This C6 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoassay (IA)	
Product Details		
Clone:	3G11	
Sterility:	0.2 μm filtered	
Target Details		
Target:	C6	
Abstract:	C6 Products	
Background:	The monoclonal antibody 3G11 reacts specifically with rat C6. Proteolytic cleavage of C5 by C5 convertase generates C5b which initiates assembly of the C5b-9 membrane attack complex.	

 $Order\ at\ www.antibodies-online.com\ |\ www.antikoerper-online.de\ |\ www.anticorps-enligne.fr\ |\ www.antibodies-online.com\ |\ www.antibodies-online.co$ International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2192122 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Complement component C6 is part of this C5b-9 complex. This complex is assembled from

five precursor molecules in the serum. The final step of C5b-9 complex formation involves

rat remnant kidney model had been widely used to identify mechanisms responsible for the

polymerization of C9 which accompanies insertion of the complex into the cell membrane. The

progression of renal disease. Proteinuria is nephrotoxic and contributes to the progression of renal injury. Activation of complement in proteinuric urine results in tubular and interstitial damage. In C6- deficient rats, acute interstitial changes resolved despite ongoing proteinuria. This suggests that C6 mediates chronic progression of tubulointerstitial damage in rats with remnant kidneys. The monoclonal antibody 3G11 was raised by immunization of mice with C6 isolated from rat serum. Monoclonal antibody 3G11 can be used as detector in immuno assays detect C5b-9 in both serum and urine.

Application Details

Λnn	lication	Notes:
ANN	lication	MOLES.

For immunohistology and Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

Restrictions:

For Research Use only

Handling

Buffer:	PBS, containing 0.1 % bovine serum albumin and 0.02 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C	
Storage Comment:	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.	
Expiry Date:	12 months	

Publications

Product cited in:

Müller, Peri, Doni, Perruchoud, Landmann, Pasqualini, Mantovani: "High circulating levels of the IL-1 type II decoy receptor in critically ill patients with sepsis: association of high decoy receptor levels with glucocorticoid administration." in: **Journal of leukocyte biology**, Vol. 72, Issue 4, pp. 643-9, (2002) (PubMed).

Penton-Rol, Orlando, Polentarutti, Bernasconi, Muzio, Introna, Mantovani et al.: "Bacterial lipopolysaccharide causes rapid shedding, followed by inhibition of mRNA expression, of the IL-

1 type II receptor, with concomitant up-regulation of the type I receptor and induction of ..." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 162, Issue 5, pp. 2931-8, (1999) (PubMed).