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Datasheet for ABIN2192026 anti-SFXN1 antibody (FITC)

5 Publications



Overview

Quantity:	100 µg
Target:	SFXN1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SFXN1 antibody is conjugated to FITC
Application:	Functional Studies (Func)

Product Details

Clone:	AE11
Isotype:	lgG2a
Cross-Reactivity (Details):	Cross reactivity: Horse : Yes, Swine : Yes
Sterility:	0.2 µm filtered

Target Details

Target:	SFXN1
Alternative Name:	Tcc (SFXN1 Products)
Background:	Monoclonal antibody aE11 reacts with a C9 neoantigen of the terminal complement complex (TCC). The three distinct activation pathways of complement converge with the formation of a
	C5 convertase. The cleavage of C5 by this convertase initiates the lytic or terminal pathway. In
	contrast to the activation pathways, which require enzymatic cleavage for activation, the

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	terminal pathway relies on conformational changes induced by binding. Binding of C6 facilitates binding of C7 which alters the conformation of the complex. After binding of C8, a variable number of C9 Molecules associate with the C5b678 complex, which is also termed the terminal complement complex (TCC). The formation of TCC causes lysis of cells or can trigger a variety of cellular metabolic pathways resulting in the synthesis and release of inflammatory mediators. The TCC contains neoantigens that are absent from the individual native components. C9 neoantigens are present both in the membrane-bound (MAC) and the fluid- phase (SC5b-Q) complex. TCC is present in permet human plasme and increased in periods.
	with complement activation. Aliases MAC, membrane attack complex, sC5b-9 complex
Pathways:	Transition Metal Ion Homeostasis
Application Details	
Application Notes:	For immunohistochemistry and flow cytometry 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. Positive Mucosa from patients with H. Pylori. control 1
Restrictions:	For Research Use only
Handling	
Buffer:	PBS, containing 1.0 % 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 at least one year. The exact expiry date is indicated on the label.
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).

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