

Product datasheet

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ARG57369 anti-Complement C8 beta chian antibody Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Complement C8 beta chian

Tested Reactivity Hu, Ms, Rat

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Complement C8 beta chian

Species

Immunogen Recombinant Protein of Human Complement C8 beta chian.

Conjugation Un-conjugated

Alternate Names Complement component C8 beta chain; C82; Complement component 8 subunit beta

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HepG2	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

> and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol C8B

Gene Full Name complement component 8, beta polypeptide

Background This gene encodes one of the three subunits of the complement component 8 (C8) protein. C8 is

composed of equimolar amounts of alpha, beta and gamma subunits, which are encoded by three separate genes. C8 is one component of the membrane attack complex, which mediates cell lysis, and it initiates membrane penetration of the complex. This protein mediates the interaction of C8 with the C5b-7 membrane attack complex precursor. In humans deficiency of this protein is associated with increased risk of meningococcal infections. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Jun 2013]

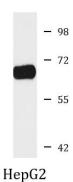
Function Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive

immune response by forming pores in the plasma membrane of target cells. [UniProt]

Calculated Mw 67 kDa

PTM N-glycosylated; contains one or two bound glycans. Not O-glycosylated.

Images



ARG57369 anti-Complement C8 beta chian antibody WB image

Western blot: HepG2 cell lysate stained with ARG57369 anti-Complement C8 beta chian antibody.