

Product datasheet

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ARG57337 anti-Complement C9 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes Complement C9

Tested Reactivity Hu, Ms

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name Complement C9

Species Human

Immunogen Recombinant Protein of Human Complement C9.

Conjugation Un-conjugated

Alternate Names ARMD15; Complement component C9; C9D

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	Mouse liver		

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 C9

Gene Full Name complement component 9

Background This gene encodes the final component of the complement system. It participates in the formation of

the Membrane Attack Complex (MAC). The MAC assembles on bacterial membranes to form a pore, permitting disruption of bacterial membrane organization. Mutations in this gene cause component C9

deficiency. [provided by RefSeq, Feb 2009]

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. C9 is the pore-forming

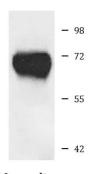
subunit of the MAC. [UniProt]

Calculated Mw 63 kDa

PTM Thrombin cleaves factor C9 to produce C9a and C9b.

Phosphorylation sites are present in the extracellular medium.

Images



Mouse liver

ARG57337 anti-Complement C9 antibody WB image

Western blot: Mouse liver lysate stained with ARG57337 anti-Complement C9 antibody.