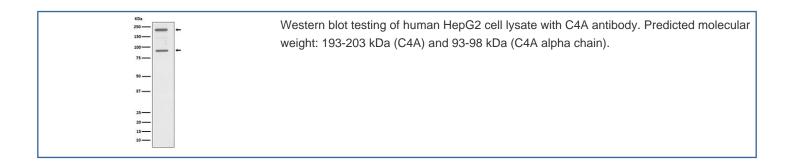


C4A Antibody / Complement C4A [clone AFHB-3] (RQ5301)

Catalog No.	Formulation	Size
RQ5301	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AFHB-3
Purity	Affinity purified
UniProt	P0C0L4
Applications	Western Blot : 1:500-1:2000
Limitations	This C4A antibody is available for research use only.



Description

This gene encodes the acidic form of complement factor 4, part of the classical activation pathway. The protein is expressed as a single chain precursor which is proteolytically cleaved into a trimer of alpha, beta, and gamma chains prior to secretion. The trimer provides a surface for interaction between the antigen-antibody complex and other complement components. The alpha chain is cleaved to release C4 anaphylatoxin, an antimicrobial peptide and a mediator of local inflammation. Deficiency of this protein is associated with systemic lupus erythematosus and type I diabetes mellitus. [RefSeq]

Application Notes

Optimal dilution of the C4A antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human C4A / Complement C4A was used as the immunogen for the C4A antibody.

Storage

Store the C4A antibody at -20oC.