DATASHEET

Complement C1QB Rabbit Monoclonal Antibody(ARA6306)

CAT. NO. ARA6306

KEY FEATURES

Target:	Complement C1QB	**Clone ID:**	ARA6306
Source/Host:	Rabbit	**Reactivity:**	Human
Clonality:	Monoclonal	**Applications:**	IHC
Storage:	at-20°C		

BACKGROUND

Complement C1q subcomponent subunit B (C1QB) is one of the three polypeptide chains (A, B and C) that assemble into C1q, the recognition subcomponent of the complement C1 complex. The C1q subcomplex binds the Fc region of IgG or IgM molecules complexed with antigen and thereby initiates the classical pathway of complement activation, a cascade that leads to phagocytosis and lysis of pathogens and to signalling that strengthens adaptive immunity. C1q also participates in the clearance of apoptotic cells and immune complexes, and disturbed classical pathway activity is associated with immune-complex mediated disease. Immunohistochemical detection of C1q subunits, including C1QB, is used in the evaluation of complement deposition in kidney and skin biopsies, where it supports the diagnosis of C1q nephropathy, lupus nephritis and cutaneous immune-complex disease.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:50-1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Recombinant rabbit monoclonal antibody to Complement C1QB
Specificity	Recognizes endogenous levels of Complement C1QB protein
Antibody Type	Primary antibody,Recombinant
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human Complement C1QB protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27 kD; Observed: 27 kD
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	C1QB; C1qB; Complement C1q subcomponent subunit B
Gene Symbol	C1QB
Entrez Gene	713(Human)
SwissProt	P02746(Human)

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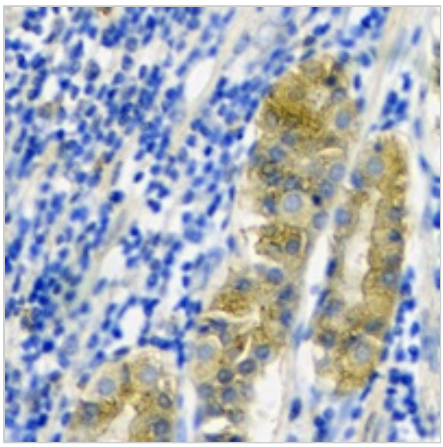
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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Immunohistochemical analysis of paraffin-embedded human stomach tissue with Complement C1QB Rabbit Monoclonal Antibody(ARA6306).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com