Datasheet for ABIN6936541

anti-C1QB antibody (AA 41-188)

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Overview

Quantity:	100 µg
Target:	C1QB
Binding Specificity:	AA 41-188
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This C1QB antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment (around aa 41-188) of human C1QB protein (exact sequence is proprietary)
Clone:	C1QB-2961
Isotype:	IgG1 kappa
Specificity:	C1q, a subcomponent of the classical complement pathway, is composed of nine subunits that mediate classical complement activation and thereby play an important role in the immune response. Six of these subunits are disulfide-linked dimers of chains A and B, while three of these subunits, designated C1q-A through C1q-C, are disulfide-linked dimers of chain C. Each chain contains an N-terminal collagen-like region and a C-terminal C1q globular domain. The presence of receptors for C1q on effector cells modulates its activity, which may be antibody-dependent or independent. Macrophages are the primary source of C1q, while anti-

Product Details

	inflammatory drugs as well as cytokines differentially regulate expression of the mRNA as well as the protein. C1q deficiency is associated with lupus erythematosus and glomerulonephritis.
Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	C1QB
Alternative Name:	C1QB (C1QB Products)
Background:	C1QB, Complement component 1 q subcomponent B chain, Complement component C1q B chain,C1QB / Complement C1q B-Chain Cellular localisation: Cytoplasmic and Cell Surface
Molecular Weight:	26-29kDa
Gene ID:	713, 8986
UniProt:	P02746
Pathways:	Complement System

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined. Positive_Control: Human liver, kidney or brain tissue (IHC).
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Handling

Expiry Date:	24 months