

Mouse anti-Human C1QB/Complement C1q B-Chain Monoclonal Antibody | anti-C1QB antibody

C1QB/Complement C1q B-Chain Mouse Monoclonal Antibody [Clone C1QB/2962]

CATALOG # AAA215958	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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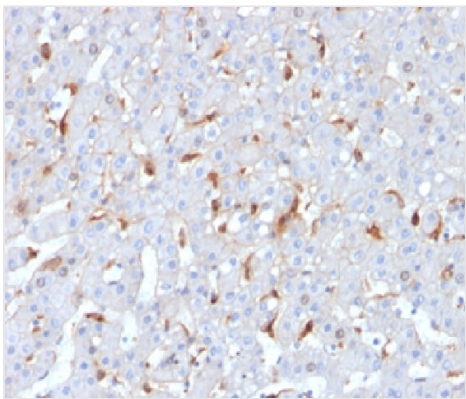
PRODUCT SYNONYMS

C1QB/Complement C1q B-Chain; Monoclonal Antibody; C1QB/Complement C1q B-Chain Mouse Monoclonal Antibody [Clone C1QB/2962]; C1QB; Complement component 1 q subcomponent B chain; Complement component C1q B chain; anti-C1QB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG, kappa
Clone Number	C1QB/2962
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-C1QB antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment (around aa 41-188) of human C1QB protein (exact sequence is proprietary)
Cellular Localization	Cell surface, Cytoplasm
Positive Control	Human liver, kidney or brain tissue.
Hu-chromosome Location	1p36.12
Unigene	8986
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human hepatocellular carcinoma stained with C1QB
Mouse Monoclonal Antibody (C1QB/2962).

ADDITIONAL INFORMATION

Related Product Information for anti-C1QB antibody	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-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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	87298828
NCBI GeneID	713
NCBI Accession #	NP_000482.3
NCBI GenBank Nucleotide #	NM_000491.3
UniProt Accession #	P02746; Q5T959; Q96H17
Molecular Weight	26,722 Da
NCBI Official Full Name	complement C1q subcomponent subunit B
NCBI Official Synonym Full Names	complement component 1, q subcomponent, B chain
NCBI Official Symbol	C1QB
NCBI Protein Information	complement C1q subcomponent subunit B; complement component C1q, B chain; complement subcomponent C1q chain B; complement component 1, q subcomponent, beta polypeptide
UniProt Protein Name	Complement C1q subcomponent subunit B
UniProt Gene Name	C1QB
UniProt Entry Name	C1QB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.