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Datasheet for ABIN6940764 anti-C1QA antibody (AA 104-237)

4 Images



Overview

Quantity:	100 µg
Target:	C1QA
Binding Specificity:	AA 104-237
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Coating (Coat)

Product Details

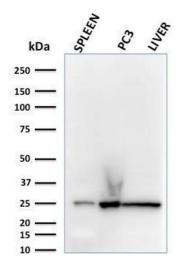
Immunogen:	Recombinant fragment (around aa 104-237) of human C1QA protein (exact sequence is proprietary)
Clone:	C1QA-2783
lsotype:	lgG2b kappa
Purification:	Purified by Protein A/G

Target Details

Target:	C1QA
Alternative Name:	C1QA (C1QA Products)
Background:	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

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	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.
Molecular Weight:	29kDa
Gene ID:	712
UniProt:	P02745
Pathways:	Complement System
Application Details	
Application Notes:	Positive Control: HepG2 or PC3 cell lysate. Human spleen or liver tissue lysates (WB).
	Known Application: ELISA (For coating, order Ab without BSA), Western Blot (1-2 μ
	g/mL)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only
Handling	
Concentration:	200 μg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody
	is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

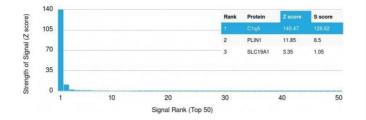


Western Blotting

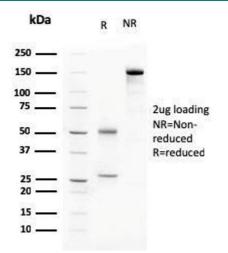
Image 1. Western Blot Analysis of human spleen, PC3 and liver lysates using C1QA Mouse Monoclonal Antibody (C1QA/2783).

Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using C1QA Mouse Monoclonal Antibody (C1QA/2783) Z- and S- Score: The Zscore represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Zscore, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



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SDS-PAGE

Image 3. SDS-PAGE Analysis Purified C1QA Mouse Monoclonal Antibody (C1QA/2783). Confirmation of Purity and Integrity of Antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN6940764.