

Recombinant C1q Monoclonal Antibody

catalog number: AN301800L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

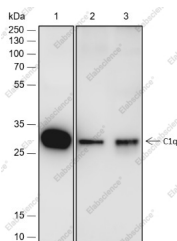
Reactivity	Human
Immunogen	Recombinant human C1q fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C331422
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with C1q Monoclonal Antibody at dilution of 1:2000. Lane 1: Human serum, Lane 2: Human liver, Lane 3: Human placenta

Observed-MW:26 kDa

Calculated-MW:26 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

C1q associates with the proenzymes C1r and C1s to yield C1, the first component of the serum complement system. The collagen-like regions of C1q interact with the Ca²⁺-dependent C1r2C1s2 proenzyme complex, and efficient activation of C1 takes place on the interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.

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