

Product Datasheet

C1Q antibody (orb21929)

Description

Goat polyclonal antibody to C1Q.

Species/Host

Goat

Conjugation

Unconjugated

Preservatives

Delipidated, heat inactivated, lyophilized, stable whole antiserum No preservative added, as it may interfere with the antibody activity. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign

Form/Appearance

Delipidated, heat inactivated, lyophilized, stable whole antiserum No preservative added, as it may interfere with the antibody activity. Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign

Storage

Storage: The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate

Note

For research use only

Clonality

Polyclonal

Source

C1 component of human complement is a complex of three glycoproteins: C1q, C1r and C1s. C1q has a molecular weight of 492.000 and is present in plasma in an average concentration of 80 µg/ml. It consists of a complex of 18 polypeptide chains of three different types, A, B and C; 6 of each type. The subcomponent C1q is responsible for the binding of C1q to immuno-complexes an membranes via the Fc portion of the immunoglobulin. The subunit C1q is isolated as a homogenous protein for use in antiserum production. Freund's complete adjuvant is used in the first step of the immunization procedure.

Uniprot ID

P02746

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