

## Product datasheet

# Anti-C1q antibody [7H8] ab11861

★★★★☆ 5 Abreviews 8 References 画像数 1

### 製品の概要

製品名	Anti-C1q antibody [7H8]
製品の詳細	Rat monoclonal [7H8] to C1q
由来種	Rat
特異性	Immunization schedule and immunogen used has been described in the following article: Wasiliu, M et al; Monoclonal antibodies to complement components without the need of their prior purification. I. Antibodies to mouse C1q. Hybridoma 1989, 8 (6): 615.
アプリケーション	<b>適用あり:</b> ICC, IHC-FoFr, ICC/IF, ELISA, Functional Studies, IHC-Fr
種交差性	<b>交差種:</b> Mouse, Human
免疫原	This information is considered to be commercially sensitive
ポジティブ・コントロール	C1q can be found on macrophages, follicular dendritic cells, interdigitating cells and further cells of the monocyte-macrophage lineage. These types of cells can be used as positive control.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 0.1% BSA, PBS
精製度	Protein G purified
特記事項(精製)	0.2 µm filtered
ポリ/モノ	モノクローナル
クローン名	7H8
アイソタイプ	IgG1
軽鎖の種類	kappa

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab11861** in the following tested applications.

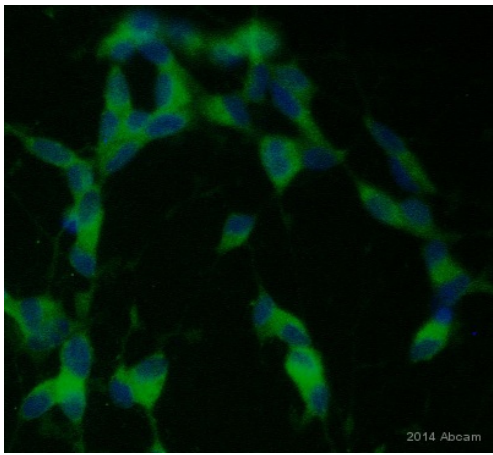
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ICC	★★★★☆	1/10.
IHC-FoFr		Use at an assay dependent dilution.
ICC/IF	★★★★☆	Use at an assay dependent concentration.
ELISA		Use at an assay dependent dilution.
Functional Studies		Use at an assay dependent dilution.
IHC-Fr		1/10.

## ターゲット情報

機能	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 Ca(2+)-dependent C1r(2)C1s(2) proenzyme complex, and efficient activation of C1 takes place on interaction of the globular heads of C1q with the Fc regions of IgG or IgM antibody present in immune complexes.
関連疾患	Defects in C1QA are a cause of complement component C1q deficiency (C1QD) [MIM:613652]. A rare defect resulting in C1 deficiency and impaired activation of the complement classical pathway. C1 deficiency generally leads to severe immune complex disease with features of systemic lupus erythematosus and glomerulonephritis.
配列類似性	Contains 1 C1q domain. Contains 1 collagen-like domain.
翻訳後修飾	O-linked glycans consist of Glc-Gal disaccharides bound to the oxygen atom of post-translationally added hydroxyl groups.
細胞内局在	Secreted.

## 画像



Immunocytochemistry/ Immunofluorescence - Anti-C1q [7H8] antibody (ab11861)

This image is courtesy of an anonymous Abreview

ab11861 staining C1q (green) in human SHSY5Y cells by ICC/IF

(Immunocytochemistry/immunofluorescence).

Cells were fixed with 1% paraformaldehyde and blocked with 10% serum for 20 minutes at room temperature. Samples were incubated with primary antibody (1/50 in PBS) for 2 hours at 24°C. An undiluted Alexa Fluor®488-conjugated goat anti-rat IgG polyclonal was used as the secondary antibody.

Counterstained with Hoechst 33258 (blue) for 10 minutes at room temperature.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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