

Anti-C1q antibody [7H8] ab11861

重组

★★★★☆ **9 Abreviews** **14 References** **1 图像**

概述

产品名称	Anti-C1q抗体[7H8]
描述	大鼠单克隆抗体[7H8] to C1q
宿主	Rat
特异性	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.
经测试应用	适用于: ICC/IF, ELISA, IHC-FoFr, IHC-Fr 不适用于: IHC-P or WB
种属反应性	与反应: Mouse, Human
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-Fr: P90 Wild-type mouse.
常规说明	This product was switched from a hybridoma to a recombinant production format on 25th October 2021. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
纯度	Protein A purified
克隆	单克隆

克隆编号	7H8
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab11861于以下的经测试应用

“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

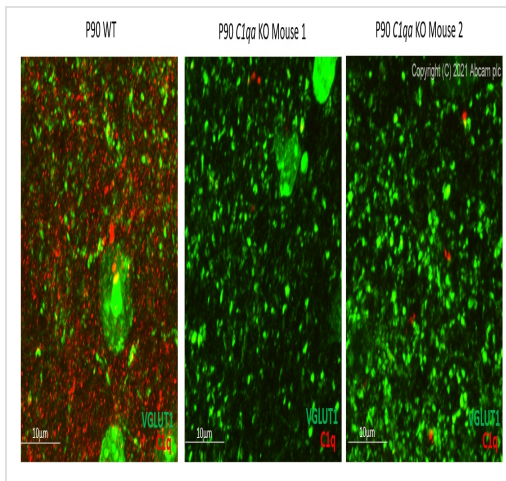
应用	Ab评论	说明
ICC/IF	★★★★☆ (2)	Use at an assay dependent concentration.
ELISA	★★★★★ (1)	Use at an assay dependent concentration.
IHC-FoFr	★★★★☆ (1)	Use at an assay dependent concentration.
IHC-Fr		1/500.

应用说明 Is unsuitable for IHC-P or WB.

靶标

功能	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.
疾病相关	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.
序列相似性	Contains 1 C1q domain. Contains 1 collagen-like domain.
翻译后修饰	O-linked glycans consist of Glc-Gal disaccharides bound to the oxygen atom of post-translationally added hydroxyl groups.
细胞定位	Secreted.

图片



Immunohistochemistry (Frozen sections) - Anti-C1q antibody [7H8] (ab11861)

This image is kindly provided by Dr. Daniel Wilton from Boston Children's Hospital.

Positive staining on P90 Wild-type mouse, and no staining on P90 C1qa Knockout Mouse . Primary antibody was applied at a dilution of 1/500 and anti-VGLUT1 antibody. Secondary antibodies including goat anti rabbit IgG (H+L) highly cross-adsorbed Alexa Fluor 594 and goat anti guinea pig IgG (H+L) highly cross-adsorbed Alexa Fluor 488 were also employed at a dilution of 1/500.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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