abcam

Product datasheet

Anti-C1q antibody [7H8] ab11861

リコンピナント

★★★★★ 9 Abreviews 14 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 適用あり: ICC/IF, ELISA, IHC-FoFr, IHC-Fr

適用なし: IHC-P or WB

種交差性 交差種: Mouse, Human

免疫原 Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.

ポジティブ・コントロール IHC-Fr: P90 Wild-type mouse.

特記事項 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.

製品の特性

製品の状態 Liquid

保存方法 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.

パッファー Preservative: 0.01% Sodium azide

Constituents: 59% PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)

精製度 Protein A purified

ポリ/モノ モノクローナル

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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

The Abpromise guarantee <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab11861の使用に適用されます アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

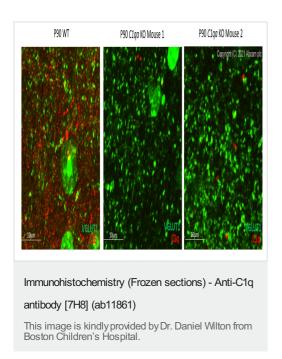
アプリケーション	Abreviews	特記事項
ICC/IF	★★★★ <u>(2)</u>	Use at an assay dependent concentration.
ELISA	*** <u>*</u>	Use at an assay dependent concentration.
IHC-FoFr	★ ☆☆☆☆ <u>(1)</u>	Use at an assay dependent concentration.
IHC-Fr		1/500.

追加情報 Is unsuitable for IHC-P or WB.

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 posttranslationally added hydroxyl groups. 細胞内局在 Secreted.

画像



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 lgG (H+L) highly cross-adsorbed Alexa Fluor 594 and goat anti guinea pig lgG (H+L) highly cross-adsorbed Alexa Fluor 488 were also employed at a dilution of 1/500.

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