

产品名称: C4 (19L8) Rabbit Monoclonal Antibody
产品货号: AMRe07749



产品概述 (Summary)

产品名称 (Production Name)	C4 (19L8) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	C4A
别名 (Alternative Names)	Acidic C4; Acidic complement C4; Basic C4; Basic complement C4; C4A; C4A2; C4A3; C4A4; C4A6; C4AD; C4B1; C4B12; C4B2; C4B3; C4BD; C4F; C4S; CPAMD2; CPAMD3;
基因 ID (Gene ID)	720;721
蛋白 ID (SwissProt ID)	P0C0L4.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000, ICC/IF 1:100-1:200, FC 1:20-1:50
蛋白分子量 (Molecular Weight)	193kDa

产品名称: C4 (19L8) Rabbit Monoclonal Antibody
产品货号: AMRe07749



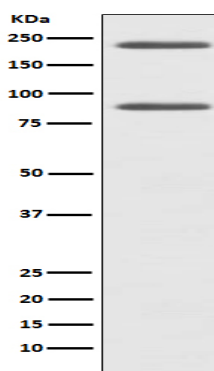
研究背景 (Background)

Induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes. Non-enzymatic component of C3 and C5 convertases and thus essential for the propagation of the classical complement pathway. Covalently binds to immunoglobulins and immune complexes and enhances the solubilization of immune aggregates and the clearance of IC through CR1 on erythrocytes. C4A isotype is responsible for effective binding to form amide bonds with immune aggregates or protein antigens, while C4B isotype catalyzes the transacylation of the thioester carbonyl group to form ester bonds with carbohydrate antigens.

研究领域 (Research Area)

Immunology; Innate Immunity; Complement; Classical Pathway

图片 (Image Data)



Western blot analysis of C4 expression in HepG2 cell lysate.

注意事项 (Note)

For research use only .