

Recombinant rat CD47 protein (Fc Chimera Active) ab220571

画像数 2

製品の詳細

製品名	Recombinant rat CD47 protein (Fc Chimera Active)	
生理活性	Immobilized Mouse SIRP alpha, Mouse IgG2a Fc Tag at 10 µg/mL (100 µL/well) can bind Rat CD47, Fc Tag (ab220571) with a linear range of 2-20 ng/mL.	
精製度	> 95 % SDS-PAGE.	
エンドトキシン・レベル	< 1.000 Eu/µg	
発現系	HEK 293 cells	
アクセッション番号	<u>P97829</u>	
タンパク質長	Protein fragment	
Animal free	No	
由来	Recombinant	
生物種	Rat	
配列	QLLLSKVKSVEFTSCNDTVVIPCKVLNVEAQSTDEMFVKWKL NKSYIFIY DGNKNSTTREQNFTSAKISVSDLLKGIASLTMDTHEAVVGNV TCEVTELS REGKTVIELKNRPVSWFSTNEK	
予測される分子量	40 kDa	
領域	19 to 140	
タグ	Fc tag C-Terminus	
配列の追加情報	This protein carries a human IgG1 Fc tag at the C-terminus.	

特性

Our **Abpromise guarantee** covers the use of **ab220571** 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	SDS-PAGE
	ELISA
製品の状態	Lyophilized
備考	This product is stable after storage at: -20 °C to -70 °C for 12 months in lyophilized state;

-70 °C for 3 months under sterile conditions after reconstitution.

前処理および保存

保存方法および安定性

Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section.

pH: 7.4

Constituents: 0.61% Tris, 0.75% Glycine, 5% Trehalose, 0.44% L-Arginine, 0.87% Sodium chloride

Lyophilized from 0.22 µm filtered solution.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

再構成

Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

関連情報

機能

Has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. Plays an important role in memory formation and synaptic plasticity in the hippocampus (By similarity). Receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation. May play a role in membrane transport and/or integrin dependent signal transduction. May prevent premature elimination of red blood cells. May be involved in membrane permeability changes induced following virus infection.

組織特異性

Very broadly distributed on normal adult tissues, as well as ovarian tumors, being especially abundant in some epithelia and the brain.

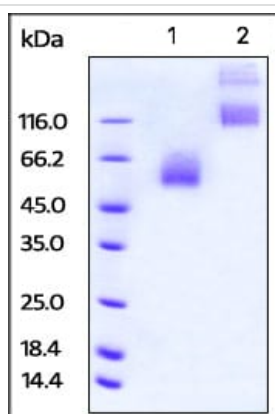
配列類似性

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

細胞内局在

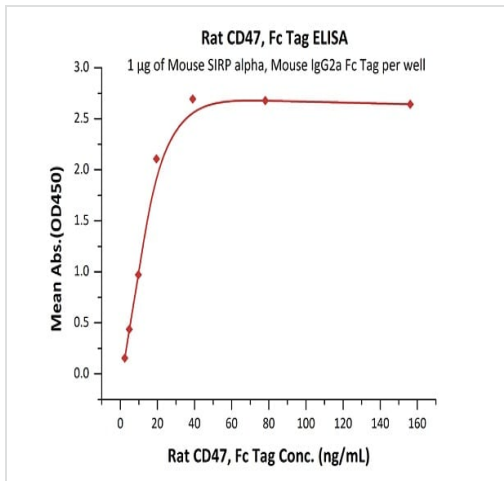
Cell membrane.

画像



SDS-PAGE - Recombinant Rat CD47 protein (Fc Chimera) (ab220571)

ab220571 on SDS-PAGE under reducing (lane 1) and non-reducing (lane 2) conditions. The gel was stained overnight with Coomassie Blue. As a result of glycosylation, the reduced protein migrates at 50-66 kDa and the non-reduced protein migrates at 100-130 kDa.



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ELISA - Recombinant Rat CD47 protein (Fc Chimera) (ab220571)

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

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