

Recombinant human CD47 protein (Active) ab220594

画像数 3

製品の詳細

製品名	Recombinant human CD47 protein (Active)
生理活性	<p>Measured by its binding ability in a functional ELISA. Immobilized Human SIRP alpha, Fc Tag at 2 µg/ml (100 µl/well) can bind ab220594 with a linear range of 2-13 ng/ml.</p> <p>Immobilized Anti-CD47 MAb, Human IgG4 at 2 µg/ml (100 µl/well) can bind ab220594 with a linear range of 0.05-2.0 ng/ml.</p>
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>Q08722-3</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>QLLFNKTKSVEFTFCNDTVVIPCFTVNMEAQNTTEVYVKWKF</p> <p>KGRDIYTF</p> <p>DGALNKSTVPTDFSSAKIEVSQLLKGDA SLKMDKSDAVSHTG</p> <p>NYTCEVTE LTREGETIIELKYRVVSWFSP</p>
予測される分子量	17 kDa including tags
領域	19 to 139
タグ	His tag C-Terminus , Avi tag C-Terminus
配列の追加情報	NP_942088.

特性

Our **Abpromise guarantee** covers the use of **ab220594** 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
	Functional Studies
製品の状態	Lyophilized

備考 After reconstitution this product is stable for 3 months at -80°C under sterile conditions.

前処理および保存

保存方法および安定性 Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section.
pH: 7.4
Constituents: 10% Trehalose, 0.08% Bicine

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 200 µg/ml.

関連情報

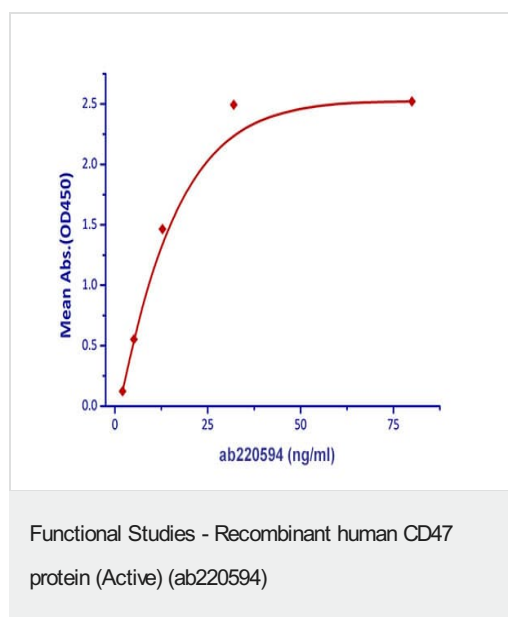
機能 Has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. Plays an important role in memory formation and synaptic plasticity in the hippocampus (By similarity). Receptor for SIRPA, binding to which prevents maturation of immature 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.

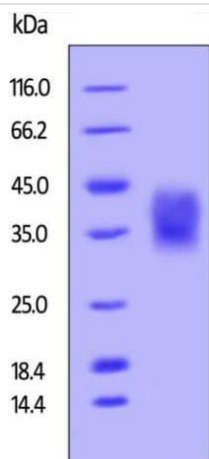
配列類似性 Contains 1 Ig-like V-type (immunoglobulin-like) domain.

細胞内局在 Cell membrane.

画像



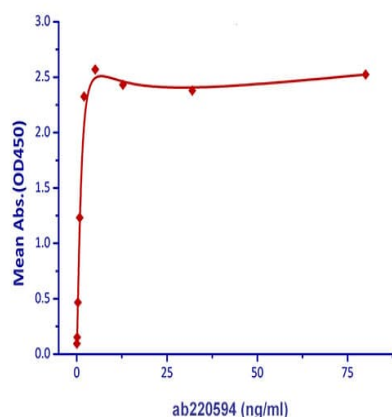
Immobilized Human SIRP alpha, Fc Tag at 2 µg/ml (100 µl/well) can bind ab220594 with a linear range of 2-13 ng/ml.



SDS-PAGE - Recombinant human CD47 protein
(Active) (ab220594)

SDS-PAGE analysis of reduced ab220594 stained overnight with Coomassie Blue.

The protein migrates as 33-44 kDa on a SDS-PAGE gel under reducing conditions due to glycosylation.



Functional Studies - Recombinant human CD47
protein (Active) (ab220594)

Immobilized Anti-CD47 MAb, Human IgG4 at 2 µg/ml (100 µl/well) can bind ab220594 with a linear range of 0.05-2.0 ng/ml.

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

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