

Product datasheet

Recombinant Cynomolgus monkey CD47 protein (Tagged) (Biotin) ab271434

1 Image

Description

Product name	Recombinant Cynomolgus monkey CD47 protein (Tagged) (Biotin)
Purity	>= 90 % SDS-PAGE.
Expression system	HEK 293 cells
Accession	XM_015446485
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Cynomolgus monkey
Predicted molecular weight	42 kDa including tags
Molecular weight information	This protein runs at a higher molecular weight by SDS-PAGE due to glycosylation.
Amino acids	19 to 139
Tags	Avi tag C-Terminus , Fc tag C-Terminus
Additional sequence information	Human IgG1 Fc
Conjugation	Biotin

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271434** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	Enzymatically biotin-labeled using Avi-tag™ technology

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark. pH: 7.40
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Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

General Info

Function

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.

Tissue specificity

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

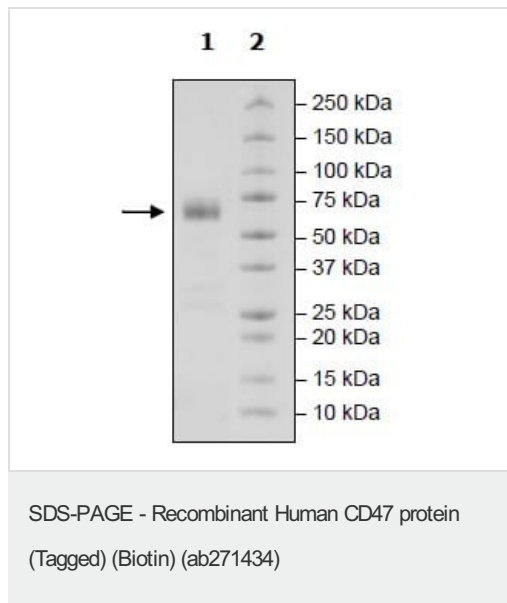
Sequence similarities

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

Cellular localization

Cell membrane.

Images



SDS-PAGE analysis of 3 µg ab271434.

This protein runs at a higher MW by SDS-PAGE due to glycosylation.

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

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