

Datasheet for ABIN7013702

CD47 Protein (CD47) (AA 19-139) (His tag,FITC)



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2 Images

Overview

Quantity:	200 µg
Target:	CD47
Protein Characteristics:	AA 19-139
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD47 protein is labelled with His tag,FITC.

Product Details

Purpose:	FITC-Labeled Human CD47 Protein, His Tag
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD47
Alternative Name:	CD47 (CD47 Products)
Background:	Leukocyte surface antigen CD47 is also known as Antigenic surface determinant protein OA3, Integrin-associated protein (IAP) and Protein MER6. CD47 contains 1 Ig-like V-type (immunoglobulin-like) domain. CD47 is very broadly distributed on normal adult tissues. CD47 has a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in

Target Details

the modulation of integrins and plays an important role in memory formation and synaptic plasticity in the hippocampus by similarity. CD47 is the receptor for SIRPA, binding to which prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells. CD47 Interaction with SIRPG mediates cell-cell adhesion, enhances superantigen-dependent T-cell-mediated proliferation and costimulates T-cell activation.

Molecular Weight:	15.6 kDa
NCBI Accession:	NP_942088

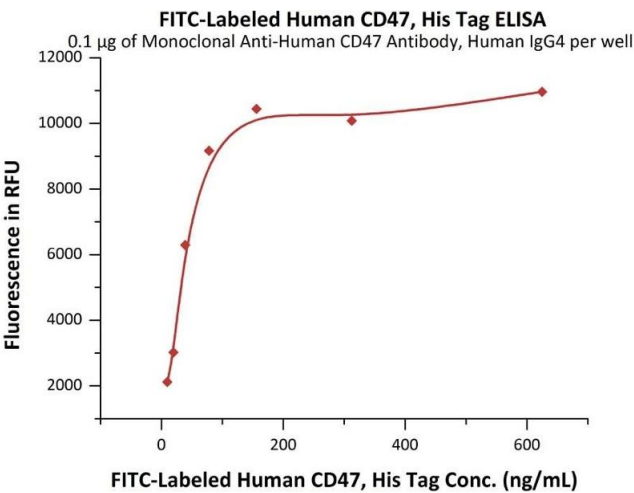
Application Details

Restrictions:	For Research Use only
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Handling

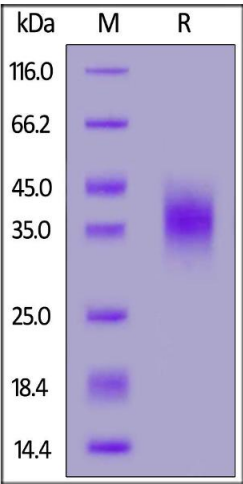
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Monoclonal A CD47 Antibody, Human IgG4 at 1 µg/mL (100 µL/well) can bind Fed Human CD47, His Tag (ABIN6992345) with a linear range of 10-78 ng/mL (QC tested).



SDS-PAGE

Image 2. Fed Human CD47, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .