

Datasheet for ABIN7072367

Recombinant anti-ITGA4 antibody



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1 Image

Overview

Quantity:	200 µg
Target:	ITGA4
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This ITGA4 antibody is un-conjugated
Application:	ELISA, Blocking Reagent (BR)

Product Details

Purpose:	Anti-alpha-4 integrin [21.6], Rabbit IgG, kappa
Immunogen:	Alpha-4 integrin.
Clone:	21-6
Isotype:	IgG kappa
Specificity:	This antibody binds to human alpha-4-integrin
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG
Purification:	Protein A affinity purified

Target Details

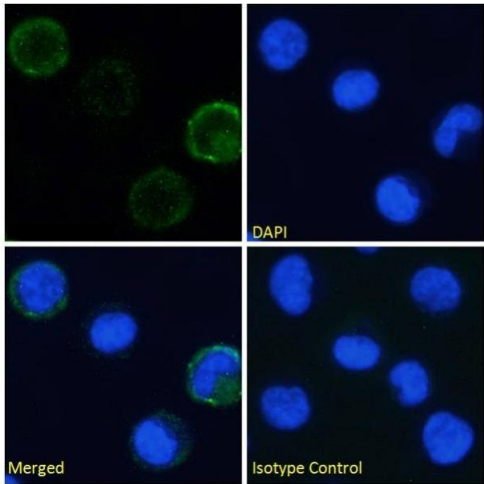
Target:	ITGA4
Alternative Name:	alpha-4 integrin (ITGA4 Products)
Background:	CD49D, CD49 antigen-like family member D, Integrin alpha-IV, VLA-4 subunit alpha
UniProt:	P13612
Pathways:	Integrin Complex

Application Details

Application Notes:	This antibody binds to human alpha-4-integrin and can inhibit the binding of lymphocytes to endothelial cells, suppressing inflammation.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



Immunofluorescence

Image 1. Immunofluorescence staining of fixed K562 cells with anti-alpha-4 integrin antibody 21.6. Immunofluorescence analysis of paraformaldehyde fixed K562 cells on Shi-fix™ coverslips, permeabilized with 0.15% Triton and stained with the chimeric rabbit IgG version of 21.6 (ABIN7072367) at 10 µg/mL for 1h followed by Alexa Fluor®488 secondary antibody (1 µg/mL), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN7072367, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor®488 secondary antibody.