

Datasheet for ABIN2798921

anti-Integrin beta 7 antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Integrin beta 7 (ITGB7)
Binding Specificity:	AA 737-765, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 7 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit Anti-Human ITGB7 (C-term) Antibody
Immunogen:	This ITGB7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 737-765 amino acids from the C-terminal region of human ITGB7.
Isotype:	Ig Fraction

Target Details

Target:	Integrin beta 7 (ITGB7)
Alternative Name:	ITGB7 (ITGB7 Products)
Background:	Target Description: Integrin alpha-4/beta-7 (Peyer patches-specific homing receptor LPAM-1) is an adhesion molecule that mediates lymphocyte migration and homing to gut-associated lymphoid tissue (GALT). Integrin alpha-4/beta-7 interacts with the cell surface adhesion

Target Details

molecules MADCAM1 which is normally expressed by the vascular endothelium of the gastrointestinal tract. Interacts also with VCAM1 and fibronectin, an extracellular matrix component. It recognizes one or more domains within the alternatively spliced CS-1 region of fibronectin. Interactions involves the tripeptide L-D-T in MADCAM1, and L-D-V in fibronectin. Binds to HIV-1 gp120, thereby allowing the virus to enter GALT, which is thought to be the major trigger of AIDS disease. Interaction would involve a tripeptide L-D-I in HIV-1 gp120. Integrin alpha-E/beta-7 (HML-1) is a receptor for E-cadherin.

Gene Symbol: ITGB7

Molecular Weight:	86903 Da
Gene ID:	3695
UniProt:	P26010
Pathways:	Integrin Complex

Application Details

Application Notes:	Western Blot Recommended Dilutions WB: 1:1000ITGB7 Antibody (C-term) .
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)