

Datasheet for ABIN7193968
anti-Integrin beta 7 antibody (AA 20-174)



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Overview

Quantity:	100 µL
Target:	Integrin beta 7 (ITGB7)
Binding Specificity:	AA 20-174
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Integrin beta 7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	ITGB7 Antibody
Immunogen:	Purified recombinant fragment of human ITGB7 (AA: 20-174) expressed in E. Coli.
Clone:	4C5D2
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	Integrin beta 7 (ITGB7)
Alternative Name:	ITGB7 (ITGB7 Products)
Background:	This gene encodes a protein that is a member of the integrin superfamily. Members of this

Target Details

family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms dimers with an alpha4 chain or an alphaE chain and plays a role in leukocyte adhesion. Dimerization with alpha4 forms a homing receptor for migration of lymphocytes to the intestinal mucosa and Peyer's patches. Dimerization with alphaE permits binding to the ligand epithelial cadherin, a calcium-dependent adhesion molecule. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

Molecular Weight:	86.9 kDa
Gene ID:	3695
UniProt:	P26010
Pathways:	Integrin Complex

Application Details

Application Notes:	ELISA: 1/10000 FCM: 1/200 - 1/400 ICC: 1/50 - 1/200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.