

Datasheet for ABIN5689252
anti-ITGA4 antibody (AA 1024-1028)



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Overview

Quantity:	0.1 mg
Target:	ITGA4
Binding Specificity:	AA 1024-1028
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGA4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	LPAM-1 (Integrin α 4, CD49d) antibody was raised against a peptide sequence around aa.1024~1028 (Y-I-N-S-K) derived from Human LPAM-1 (Integrin α 4, CD49d).
Specificity:	This antibody detects endogenous level of total LPAM-1(Integrin α 4, CD49d) protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	ITGA4
Alternative Name:	LPAM 1 (ITGA4 Products)
Background:	Integrins α 4/ β 1 (VLA-4) and α 4/ β 7 are receptors for fibronectin. They recognize one or more domains within the alternatively spliced CS-1 and CS-5 regions of fibronectin. They are also receptors for VCAM1. Integrin α 4/ β 1 recognizes the

Target Details

sequence Q-I-D-S in VCAM1. Integrin alpha-4/beta-7 is also a receptor for MADCAM1. It recognizes the sequence L-D-T in MADCAM1. On activated endothelial cells integrin VLA-4 triggers homotypic aggregation for most VLA-4-positive leukocyte cell lines. It may also participate in cytolytic T-cell interactions with target cells.

Molecular Weight:	70, 140, 180 kDa
Gene ID:	3676
NCBI Accession:	NP_000876
UniProt:	P13612
Pathways:	Integrin Complex

Application Details

Application Notes:	Western Blot: 1:500~1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store antibody at -20°C for up to one year.