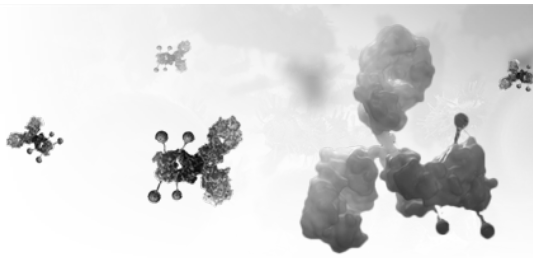

Anti-ITGA4 (C-terminal) polyclonal antibody (DPABH-09636)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Integrins alpha-4/beta-1 (VLA-4) and alpha-4/beta-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 alpha-4/beta-1 recognizes the 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.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminal of human ITGA4 , different from the related mouse sequence by one amino acid.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	100 µg
Buffer	Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
Preservative	0.025% Sodium Azide

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	ITGA4 integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-5 receptor) [Homo sapiens]
Official Symbol	ITGA4
Synonyms	ITGA4; integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor); IA4; CD49D; integrin alpha-4; 269C wild type; integrin alpha 4; integrin alpha-IV; VLA-4 subunit alpha; integrin alpha-4 subunit; CD49 antigen-like family member D; antigen CD49D, alpha-4 subunit of VLA-4 receptor; very late activation protein 4 receptor, alpha 4 subunit;
Entrez Gene ID	3676
Protein Refseq	NP_000876.3
UniProt ID	P13612
Pathway	Adaptive Immune System; Arrhythmogenic right ventricular cardiomyopathy (ARVC); Cell adhesion molecules (CAMs); Cell surface interactions at the vascular wall
Function	cell adhesion molecule binding; fibronectin binding; metal ion binding; protein binding

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