

Datasheet for ABIN7595333 **anti-ITGA4 antibody**

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Overview

Quantity:	150 µg
Target:	ITGA4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGA4 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	Mouse monoclonal to Integrin alpha 4: OSX14 clone
Immunogen:	Integrin alpha 4
Clone:	OSX14
Isotype:	IgG
Specificity:	Specific for Integrin α_4
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not yet tested.
Purification:	IgG

Target Details

Target:	ITGA4
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Target Details

Alternative Name:	Integrin alpha 4 (ITGA4 Products)
Background:	FUNCTION: 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. SUBCELLULAR LOCATION: Membrane, Single-pass type I membrane protein.
Pathways:	Integrin Complex

Application Details

Application Notes:	IHC. A dilution of 1 : 500 to 1 : 2000 is recommended. The optimal dilution should be determined by the end user. Not tested in other applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in 150 µL of sterile water. Centrifuge to remove any insoluble material.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain the lyophilised/reconstituted antibodies frozen at -20°C for long term storage and refrigerated at 2-8°C for a shorter term. When reconstituting glycerol (1:1) may be added for an additional stability. Avoid freeze and thaw cycles.
Expiry Date:	12 months