

## Integrin Alpha V + Beta1 Antibody HRP Conjugated

Catalog No: #C03886H

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## Description

Product Name	Integrin Alpha V + Beta1 Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IHC-P IHC-F ICC
Species Reactivity	Hu Ms Rt
Immunogen Description	Mixed KLH conjugated synthetic peptides aa 1-38 1048 for human Integrin Alpha V and human Integrin Beta1
Conjugates	HRP
Target Name	Integrin Alpha V + Beta 1
Other Names	Integrin alpha-V: Integrin alpha-V, Vitronectin receptor subunit alpha, CD51 Integrin beta-1: Fibronectin receptor subunit beta, Glycoprotein IIa, GPIIa, VLA-4 subunit beta, CD29
Accession No.	NCBI Gene ID3685, 3688
GeneID	36853688
Excitation Emission	N A
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IHC-P=1:50-200 IHC-F=1:50-200

## Background

The alpha-V (ITGAV) integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions. Integrin alpha-V beta-1 is a receptor for vitronectin. Beta-1 integrins recognize the sequence R-G-D in a wide array of ligands. Isoform 2 interferes with isoform 1 resulting in a dominant negative effect on cell adhesion and migration (in vitro).

Note: This product is for in vitro research use only