

Datasheet for ABIN966421
anti-CD51 antibody (C-Term)



[Go to Product page](#)

1 Publication

Overview

Quantity:	0.1 mg
Target:	CD51 (ITGAV)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD51 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human ITGAV (Integrin alpha-V precursor)
Purification:	Purified by antigen-specific affinity chromatography.

Target Details

Target:	CD51 (ITGAV)
Alternative Name:	ITGAV (ITGAV Products)
Background:	The alpha-V integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and von Willebrand factor. They recognize the sequence R-G-D in a wide array of ligands. Integrin alpha-V contains the heterodimer of an alpha and a beta subunit. The alpha subunit is composed of

Target Details

an heavy and a light chain linked by a disulfide bond. Alpha-V associates with either beta-1, beta-3, beta-5, beta-6 or beta-8 subunit.

Pathways: [Cell-Cell Junction Organization](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Growth Factor Binding](#), [Integrin Complex](#)

Application Details

Application Notes: ELISA, Western blotting: 1µg/ml for 2hrs.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: This antibody is stored in PBS, 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

Publications

Product cited in: Suzuki, Argraves, Pytela, Arai, Krusius, Pierschbacher, Ruoslahti: "cDNA and amino acid sequences of the cell adhesion protein receptor recognizing vitronectin reveal a transmembrane domain and homologies with other adhesion protein receptors." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 83, Issue 22, pp. 8614-8, (1986) ([PubMed](#)).