

## Product datasheet

# Anti-Integrin alpha V + beta 6 antibody [ $\alpha v\beta 6$ 53a.2] ab97588

★★★★★ 2 Abreviews 6 References

### Overview

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<b>Product name</b>	Anti-Integrin alpha V + beta 6 antibody [ $\alpha v\beta 6$ 53a.2]
<b>Description</b>	Rat monoclonal [ $\alpha v\beta 6$ 53a.2] to Integrin alpha V + beta 6
<b>Host species</b>	Rat
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, Neutralising, Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length protein corresponding to Integrin alpha V + beta 6. Mouse fibroblasts retrovirally infected with cDNA to human beta6 (3T3b6.19). Cells expressed a mouse/human $\alpha v\beta 6$ chimera. Database link: <a href="#">P06756</a>
<b>Epitope</b>	Extracellular region of the heterodimer.
<b>Positive control</b>	BT20 breast carcinoma, original immunogen.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A/G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	$\alpha v\beta 6$ 53a.2
<b>Isotype</b>	IgG2a

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab97588 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
Neutralising		Use at an assay dependent concentration.
Flow Cyt	★★★★★ (1)	Use at an assay dependent concentration. <a href="#">ab18450</a> - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

## Target

<b>Function</b>	The alpha-V 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.
<b>Sequence similarities</b>	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats.
<b>Cellular localization</b>	Membrane.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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