

## Product datasheet

# Anti-Integrin alpha V + beta 6 antibody [10D5] - BSA and Azide free ab77906

★★★★★ [6 Abreviews](#) [16 References](#)

### Overview

<b>Product name</b>	Anti-Integrin alpha V + beta 6 antibody [10D5] - BSA and Azide free
<b>Description</b>	Mouse monoclonal [10D5] to Integrin alpha V + beta 6 - BSA and Azide free
<b>Host species</b>	Mouse
<b>Specificity</b>	ab77906 recognises alpha V beta 6 and does not recognize alpha V or other alpha V integrins.
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt, IP, Blocking <b>Unsuitable for:</b> IHC-P or WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Mouse Integrin alpha V + beta 6. Wild type murine keratinocytes.
<b>Positive control</b>	H441 cells
<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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	Sterile filtered
<b>Clonality</b>	Monoclonal

Clone number	10D5
Isotype	IgG2a

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab77906 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
Flow Cyt		Use at an assay dependent concentration. Flow cytometry should be done with buffers containing 1 mM Mg, since the epitope recognized by this antibody is divalent cation dependent. <b>ab170191</b> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
IP		Use at an assay dependent concentration. because this antibody is an IgG2a, protein G or rabbit anti mouse IgG is helpful for capture.
Blocking		Use at an assay dependent concentration. Inhibition of alpha V beta 6 mediated cell adhesion and cell migration are achieved at a concentration of 100 µg/mL using beta 6 transfected cells tested against TGF beta LAP.

**Application notes** Is unsuitable for IHC-P or WB.

## 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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