

**Product Name: Integrin alpha V Rabbit Monoclonal antibody**  
**Catalog #: AMRe04041**

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## Summary

|                        |                                             |
|------------------------|---------------------------------------------|
| <b>Production Name</b> | Integrin alpha V Rabbit Monoclonal antibody |
| <b>Description</b>     | Recombinant rabbit monoclonal antibody      |
| <b>Host</b>            | Rabbit                                      |
| <b>Application</b>     | WB,ICC/IF,IP                                |
| <b>Reactivity</b>      | Human,Rat                                   |

## Performance

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                                         |
| <b>Modification</b> | Unmodified                                                                                           |
| <b>Isotype</b>      | IgG                                                                                                  |
| <b>Clonality</b>    | Monoclonal Antibody                                                                                  |
| <b>Form</b>         | Liquid                                                                                               |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.             |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| <b>Purification</b> | Affinity Purified                                                                                    |

## Immunogen

|                          |                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | ITGAV                                                                                    |
| <b>Alternative Names</b> | ITGAV; MSK8; VNRA; Integrin alpha-V; Vitronectin receptor subunit alpha; CD antigen CD51 |
| <b>Gene ID</b>           | 3685                                                                                     |
| <b>SwissProt ID</b>      | P06756.                                                                                  |

## Application

|                         |                                                |
|-------------------------|------------------------------------------------|
| <b>Dilution Ratio</b>   | WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50 |
| <b>Molecular Weight</b> | Calculated MW: 116 kDa; Observed MW: 130 kDa   |

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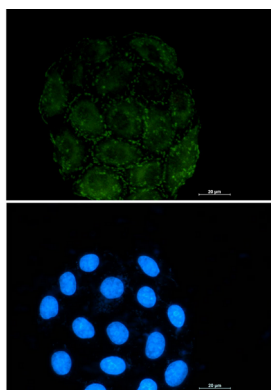
## Background

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.

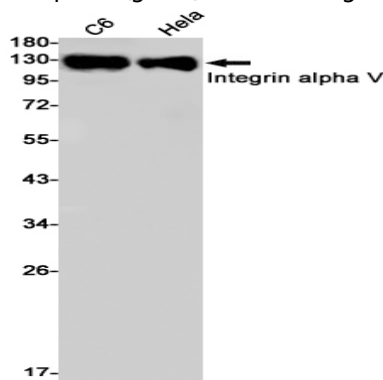
## Research Area

Cardiovascular

## Image Data



Immunocytochemistry analysis of Integrin alpha V (green) in A549 using Integrin alpha V antibody, and DAPI(blue).



Western blot analysis of Integrin alphaV in C6, HeLa lysates using Integrin alphaV antibody.

## Note

For research use only.