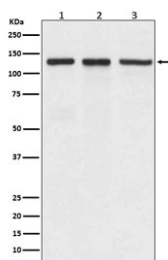


## ITGAV Antibody / Integrin alpha V / Vitronectin Receptor [clone ABGC-9] (RQ5164)

Catalog No.	Formulation	Size
RQ5164	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

<b>Availability</b>	1-2 weeks
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Clonality</b>	Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Name</b>	ABGC-9
<b>Purity</b>	Affinity purified
<b>UniProt</b>	P06756
<b>Applications</b>	Western Blot : 1:500-1:2000
<b>Limitations</b>	This ITGAV antibody is available for research use only.



Western blot testing of 1) human A549, 2) mouse spleen and 3) rat brain lysate with ITGAV antibody. Expected molecular weight: 116-150 kDa.

## Description

The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha V subunit. This subunit associates with beta 1, beta 3, beta 5, beta 6 and beta 8 subunits. The heterodimer consisting of alpha V and beta 3 subunits is also known as the vitronectin receptor. This integrin may regulate angiogenesis and cancer progression. Alternative splicing results in multiple transcript variants. Note that the integrin alpha 5 and integrin alpha V

subunits are encoded by distinct genes. [RefSeq]

## **Application Notes**

Optimal dilution of the ITGAV antibody should be determined by the researcher.

## **Immunogen**

A synthetic peptide specific to human Integrin alpha V / ITGAV was used as the immunogen for the ITGAV antibody.

## **Storage**

Store the ITGAV antibody at -20oC.