

## Basic Information

<b>Product Name</b>	Anti-Integrin Alpha V/ITGAV Antibody (Clone#ABGC-9)	
<b>Gene Name</b>	ITGAV	
<b>Source</b>	Rabbit	
<b>Clonality</b>	Monoclonal	
<b>Isotype</b>	IgG	
<b>Species Reactivity</b>	human, mouse, rat	
<b>Tested Application</b>	WB, IHC, ICC/IF, IP	
<b>Contents</b>	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
<b>Immunogen</b>	A synthesized peptide derived from human Integrin alpha V	
<b>Concentration</b>	500 ug/ml	
<b>Purification</b>	Affinity-chromatography	
<b>Observed MW</b>	130-140 kDa	
<b>Dilution Ratios</b>	Western blot (WB):	1:500-2000
	Immunohistochemistry (IHC):	1:50-200
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:50-200
	ImmunoPrecipitation (IP):	1:20

## Storage

12 months from date of receipt, -20°C as supplied.

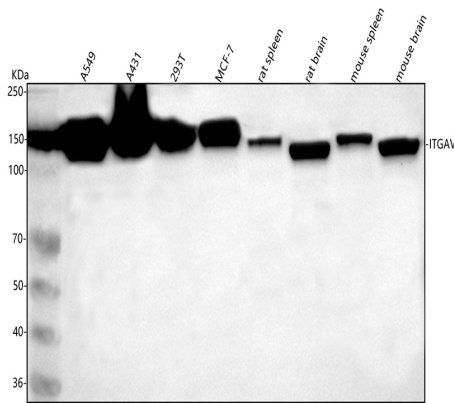
## Background Information

Integrin alpha-V is a protein that in humans is encoded by the ITGAV gene. It is a member of the beta 3 integrin subfamily (cytoadhesins). The human locus for the av gene (VNRA) was previously mapped to the long arm of chromosome 2. Sims et al. (2000) localized the VNRA gene to 2q31. The gene contains 30 exons and spans over 93 kb of genomic DNA. It functions as a receptor for a group of proteins that includes vitronectin, fibrinogen, thrombospondin, and von Willebrand factor.

## Reference

Anti-Integrin Alpha V/ITGAV Antibody (Clone#ABGC-9) 被引用在 1 文献中。

## Selected Validation Data



Western blot analysis of anti-Integrin Alpha V/ITGAV antibody (BM5155).

The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human A549 whole cell lysates,

Lane 2: human A431 whole cell lysates,

Lane 3: human 293T whole cell lysates,

Lane 4: human MCF-7 whole cell lysates,

Lane 5: rat spleen tissue lysates,

Lane 6: rat brain tissue lysates,

Lane 7: mouse spleen tissue lysates,

Lane 8: mouse brain tissue lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Integrin Alpha V/ITGAV antigen affinity purified monoclonal antibody (BM5155) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Integrin Alpha V/ITGAV at approximately 150, 140, 130 kDa. The expected band size for Integrin Alpha V/ITGAV is at 116 kDa.