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**Product Name: Integrin alpha IIB (9G4) Mouse Monoclonal Antibody****Catalog #: AMM00726**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:100
<b>Molecular Weight</b>	-

**Antigen Information**

<b>Gene Name</b>	ITGA2B
<b>Alternative Names</b>	ITGA2B; GP2B; ITGAB; Integrin alpha-IIb; GPalpha IIb; GPIIb; Platelet membrane glycoprotein IIb; CD41
<b>Gene ID</b>	3674
<b>SwissProt ID</b>	P08514
<b>Immunogen</b>	Synthetic Peptide of CD41

**Background**

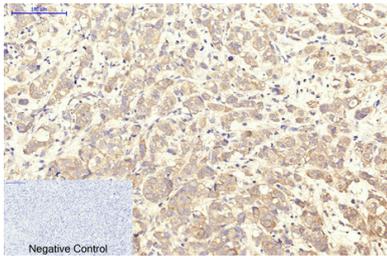
Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin.

It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain.

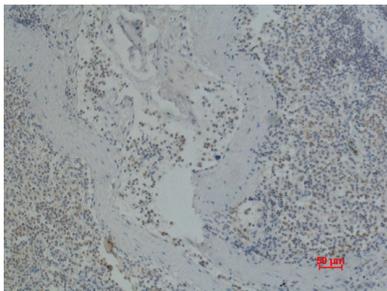
## Research Area

Cardiovascular

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human breastcancer tissue using Integrin alpha lib (9G4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Human tonsils using Integrin alpha lib (9G4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.