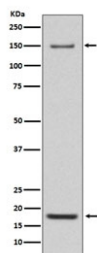


## ITGA5 Antibody / Integrin alpha 5 [clone IDB-9] (RQ5245)

Catalog No.	Formulation	Size
RQ5245	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	IDB-9
Purity	Affinity purified
UniProt	P08648
Applications	Western Blot : 1:1000-1:2000
Limitations	This ITGA5 antibody is available for research use only.



Western blot testing of mouse heart lysate with ITGA5 antibody. Expected molecular weight: 115-160 kDa depending on glycosylation level. An ~25 kDa band corresponding to the ITGA5 light chain may also be detected.

## 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 5 subunit. This subunit associates with the beta 1 subunit to form a fibronectin receptor. This integrin may promote tumor invasion, and higher expression of this gene may be correlated with shorter survival time in lung cancer patients. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes. [RefSeq]

## Application Notes

Optimal dilution of the ITGA5 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human Integrin alpha 5 / ITGA5 was used as the immunogen for the ITGA5 antibody.

## Storage

Store the ITGA5 antibody at -20oC.