

## ITGA5 Antibody

Catalog No: #43879

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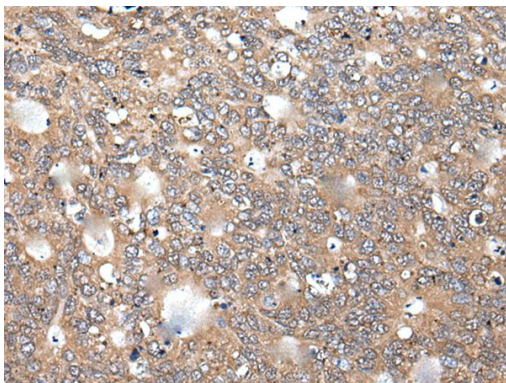
## Description

Product Name	ITGA5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ITGA5 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human ITGA5
Target Name	ITGA5
Other Names	FNRA; CD49e; VLA-5; VLA5A
Accession No.	Swiss-Prot#: P08648NCBI Gene ID: 3678
Uniprot	P08648
GeneID	3678;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1: 20-100

## Images



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ITGA5 Antibody at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x200)

## Background

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.

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Note: This product is for in vitro research use only