

ITGB6 Rabbit mAb [D7F6]

Cat NO. :A65604

Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB	H,M,R	P18564	86 kDa	Rabbit	IgG	50ul,100ul,200ul

Applications detail:

Application	Dilution
WB	1:1000-2000
The optimal dilutions should be determined by the end user	

Conjugate:

UnConjugate

Form:

Liquid

sensitivity:

Endogenous

Purification:

Protein A purification

Specificity:

Antibody is produced by immunizing animals with a synthetic peptide at the sequence of human ITGB6

Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at -20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

Tissue specificity:

Subcellular location:

Membrane,Single-pass type I membrane protein. Cell junction, focal adhesion.

Function:

Integrin alpha-V:beta-6 (ITGAV:ITGB6) is a receptor for fibronectin and cytotactin (PubMed:17545607, PubMed:17158881). It recognizes the sequence R-G-D in its ligands (PubMed:17545607, PubMed:17158881). Internalization of integrin alpha-V/beta-6 via clathrin-mediated endocytosis promotes carcinoma cell invasion (PubMed:17545607, PubMed:17158881). ITGAV:ITGB6 acts as a receptor for fibrillin-1 (FBN1) and mediates R-G-D-dependent cell adhesion to FBN1 (PubMed:17158881). Integrin alpha-V:beta-6 (ITGAV:ITGB6) mediates R-G-D-dependent release of transforming growth factor beta-1 (TGF-beta-1) from regulatory Latency-associated peptide (LAP), thereby playing a key role in TGF-beta-1 activation (PubMed:15184403, PubMed:22278742,

Introduction: **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

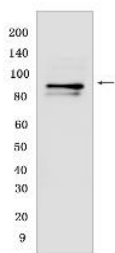
Cross Reactivity: **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

For Research Use Only. Not For Use In Diagnostic Procedures.

PubMed:28117447)..., (Microbial infection) Integrin ITGAV:ITGB6 acts as a receptor for Coxsackievirus A9 and Coxsackievirus B1..., (Microbial infection) Integrin ITGAV:ITGB6 acts as a receptor for Herpes simplex virus-1/HHV-1 (PubMed:24367260)..

Validation Data:

ITGB6 Rabbit mAb [D7F6] Images



Western blot (SDS PAGE) analysis of extracts from A549 cells .Using ITGB6Rabbit mAb [D7F6] at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.