

Datasheet for ABIN7384459  
**anti-Integrin beta 5 antibody**



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## Overview

Quantity:	50 µL
Target:	Integrin beta 5 (ITGB5)
Reactivity:	Human, Rat, Hamster
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Integrin beta 5 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Clone:	R04-0G6
Isotype:	IgG
Purification:	Affinity Purified

## Target Details

Target:	Integrin beta 5 (ITGB5)
Alternative Name:	Integrin beta 5 ( <a href="#">ITGB5 Products</a> )
Background:	FLJ26658, Integrin beta-5, Integrin subunit beta 5, integrin, beta 5, ITB5, Itgb5, Testis secretory sperm-binding protein Li 217p, Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain

## Target Details

integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors, both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors.

Molecular Weight: Observed\_MW: 88kDa  
Calculated\_MW: 88kDa

Gene ID: 3693

UniProt: [P18084](#)

Pathways: [Integrin Complex](#)

## Application Details

Application Notes: WB 1:500-1:1000

Restrictions: For Research Use only

## Handling

Concentration: 300 µg/mL

Buffer: 50 mM Tris-Glycine( pH 7.4), 0.15M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.