

Datasheet for ABIN6262608

**anti-ITGA3 antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	ITGA3
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human Integrin alpha3 (CD49c)
Isotype:	IgG
Specificity:	Integrin α3 (CD49c) Antibody detects endogenous levels of total Integrin α3 (CD49c)
Cross-Reactivity:	Human, Mouse (Murine)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	ITGA3
Alternative Name:	Integrin alpha3 ( <a href="#">ITGA3 Products</a> )
Background:	Description: Integrin alpha-3/beta-1 is a receptor for fibronectin, laminin, collagen, epiligrin,

## Target Details

thrombospondin and CSPG4. Integrin alpha-3/beta-1 provides a docking site for FAP (seprase) at invadopodia plasma membranes in a collagen-dependent manner and hence may participate in the adhesion, formation of invadopodia and matrix degradation processes, promoting cell invasion. Alpha-3/beta-1 may mediate with LGALS3 the stimulation by CSPG4 of endothelial cells migration.

Gene: ITGA3

Molecular Weight: 118 kDa

Gene ID: 3675

UniProt: [P26006](#)

Pathways: [CXCR4-mediated Signaling Events](#), [Integrin Complex](#)

## Application Details

Application Notes: WB 1:500-1:2000, IF/ICC 1:100-1:500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

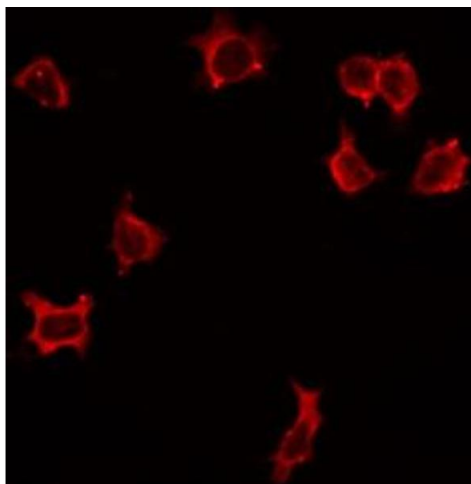
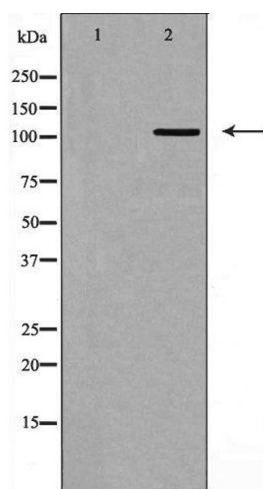
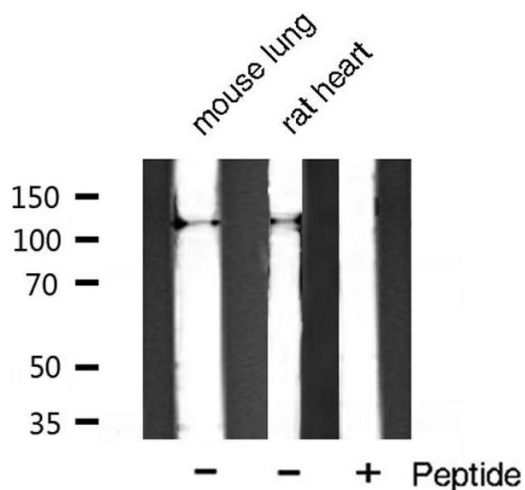
Preservative: Sodium azide

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.Stable for 12 months from date of receipt

Expiry Date: 12 months



#### Western Blotting

**Image 1.** Western blot analysis of extracts of various celllines,using Integrin α3 (CD49c) Antibody.

#### Western Blotting

**Image 2.** Western blot analysis of Integrin α3 (CD49c) expression in HepG2 cell,The lane on the left is treated with the antigen-specific peptide.

#### Immunofluorescence (fixed cells)

**Image 3.** ABIN6268730 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.