

Datasheet for ABIN7441991
anti-Integrin beta 2 antibody (AA 451-627)



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2 Images

Overview

Quantity:	100 µL
Target:	Integrin beta 2 (ITGB2)
Binding Specificity:	AA 451-627
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Integrin Beta 2 (CD18)
Immunogen:	Recombinant Integrin Beta 2 (CD18) corresponding to Asp451~Ser627 (Accession # P05107) with Two N-terminal Tags, His-tag and MBP-tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD18. It has been selected for its ability to recognize CD18 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

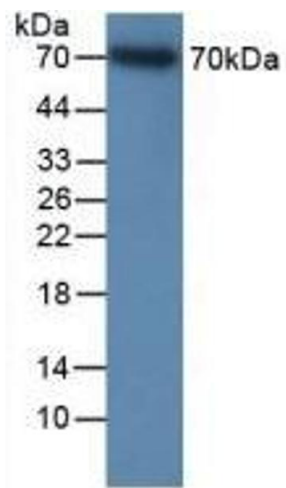
Target:	Integrin beta 2 (ITGB2)
Alternative Name:	Integrin Beta 2 (ITGB2 Products)
Background:	ITGb2, ITG-B2, LAD, LFA1, MAC1, LCAMB, MF17, LFAb, Complement Component 3 Receptor 3 And 4 Subunit, Lymphocyte Function-Associated Antigen 1, Macrophage Antigen 1
Pathways:	NF-kappaB Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades , Activated T Cell Proliferation

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

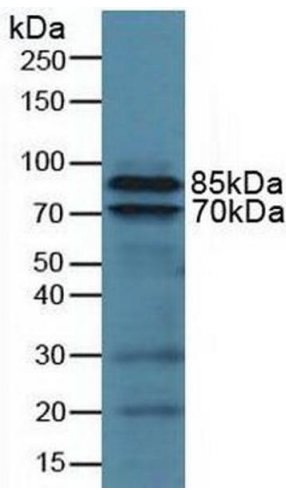
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of Recombinant ITGb2, Human using Polyclonal Antibody to Integrin Beta 2 (CD18)



Western Blotting

Image 2. Detection of CD18 in Human U937 Cells using Polyclonal Antibody to Integrin Beta 2 (CD18)