

Datasheet for ABIN7156481

anti-Integrin beta 2 antibody (AA 37-201)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Integrin beta 2 (ITGB2)
Binding Specificity:	AA 37-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Integrin beta-2 protein (37-201AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Integrin beta 2 (ITGB2)
Alternative Name:	ITGB2 (ITGB2 Products)
Background:	Background: Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. Integrins alpha-M/beta-2 and alpha-X/beta-2 are receptors for the iC3b fragment of the third

Target Details

complement component and for fibrinogen. Integrin alpha-X/beta-2 recognizes the sequence G-P-R in fibrinogen alpha-chain. Integrin alpha-M/beta-2 recognizes P1 and P2 peptides of fibrinogen gamma chain. Integrin alpha-M/beta-2 is also a receptor for factor X. Integrin alpha-D/beta-2 is a receptor for ICAM3 and VCAM1. Contributes to natural killer cell cytotoxicity (PubMed:15356110). Involved in leukocyte adhesion and transmigration of leukocytes including T-cells and neutrophils (PubMed:11812992). Triggers neutrophil transmigration during lung injury through PTK2B/PYK2-mediated activation (PubMed:18587400). Integrin alpha-L/beta-2 in association with ICAM3, contributes to apoptotic neutrophil phagocytosis by macrophages (PubMed:23775590).

Aliases: 95 subunit beta antibody, Beta 2 (antigen CD18 (p95) antibody, CD 18 antibody, CD18 antibody, Cell surface adhesion glycoprotein LFA 1/CR3/P150,959 beta subunit precursor) antibody, Cell surface adhesion glycoproteins LFA 1/CR3/p150,95 subunit beta antibody, Cell surface adhesion glycoproteins LFA-1/CR3/p150 antibody, Complement component 3 receptor 3 and 4 subunit antibody, Complement receptor C3 beta subunit antibody, Complement receptor C3 subunit beta antibody, Integrin beta 2 antibody, Integrin beta chain beta 2 antibody, Integrin beta-2 (ITGB2) antibody, Integrin beta-2 antibody, Integrin, beta 2 (complement component 3 receptor 3 and 4 subunit) antibody, ITB2_HUMAN antibody, ITGB2 antibody, LAD antibody, LCAMB antibody, Leukocyte associated antigens CD18/11A, CD18/11B, CD18/11C antibody, Leukocyte cell adhesion molecule CD18 antibody, LFA 1 antibody, LFA1 antibody, Lymphocyte function associated antigen 1 (LFA1) antibody, Lymphocyte function associated antigen 1 antibody, MAC 1 antibody, MAC1 antibody, Macrophage antigen 1 (mac1) beta antibody, MF17 antibody, MFI7 antibody, OTTHUMP00000115278 antibody, OTTHUMP00000115279 antibody, OTTHUMP00000115280 antibody, OTTHUMP00000115281 antibody, OTTHUMP00000115282 antibody

UniProt:	P05107
Pathways:	NF-kappaB Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades , Activated T Cell Proliferation

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

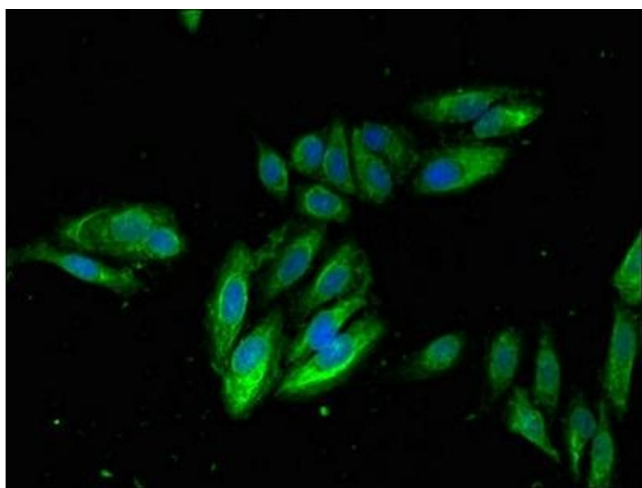
Handling

Format:	Liquid
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Handling

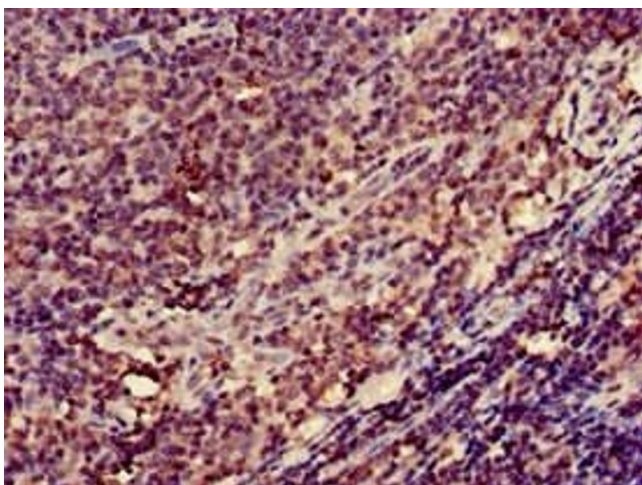
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, -80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of HeLa cells using ABIN7156481 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lymph node tissue using ABIN7156481 at dilution of 1:100