



Datasheet for ABIN741285
anti-CD11b antibody (AA 520-570)



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7 Images

4 Publications

Overview

Quantity:	100 µL
Target:	CD11b (ITGAM)
Binding Specificity:	AA 520-570
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD11b antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD11c
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CD11b (ITGAM)
Alternative Name:	Cd11b/C (ITGAM Products)
Background:	Synonyms: CD11C, SLEB6, Integrin alpha-X, CD11 antigen-like family member C, Leu M5, Leukocyte adhesion glycoprotein p15,95 alpha chain, Leukocyte adhesion receptor p15,95,

Target Details

ITGAX

Background: Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.

Gene ID: 3687

UniProt: [P20702](#)

Pathways: [Apoptosis](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: WB(1:100-1000), FCM(1:20-100), IHC-P(1:100-500), IF(IHC-P)(1:50-200)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.02 % Proclin300 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 for 12 months.

Expiry Date: 12 months

Publications

Product cited in: Ju, Xing, Yang, Zheng, Jia, Zhang, Ren: "An effective cytokine adjuvant vaccine induces autologous T-cell response against colon cancer in an animal model." in: **BMC immunology**, Vol. 17, Issue 1, pp. 31, (2016) ([PubMed](#)).

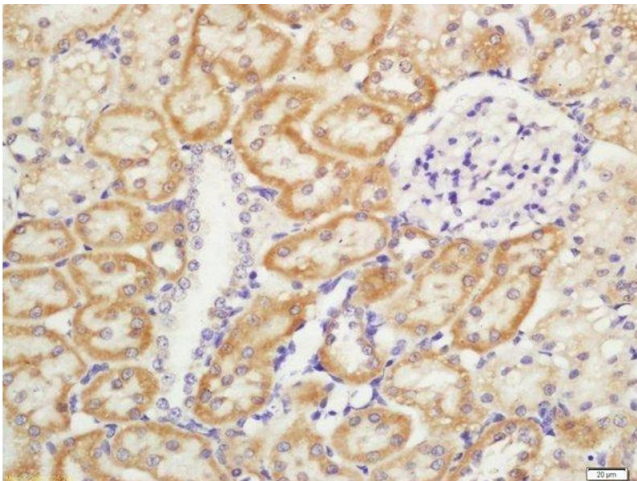
Zhang, Wu, Hayashi, Okada, Nakanishi: "Peripheral role of cathepsin S in Th1 cell-dependent

transition of nerve injury-induced acute pain to a chronic pain state." in: **The Journal of neuroscience : the official journal of the Society for Neuroscience**, Vol. 34, Issue 8, pp. 3013-22, (2014) ([PubMed](#)).

Di Filippo, Rossi, Ferraro, Maisto, De Angelis, Ferraraccio, Rotondo, DAmico: "Involvement of proteasome and macrophages M2 in the protection afforded by telmisartan against the acute myocardial infarction in Zucker diabetic fatty rats with metabolic syndrome." in: **Mediators of inflammation**, Vol. 2014, pp. 972761, (2014) ([PubMed](#)).

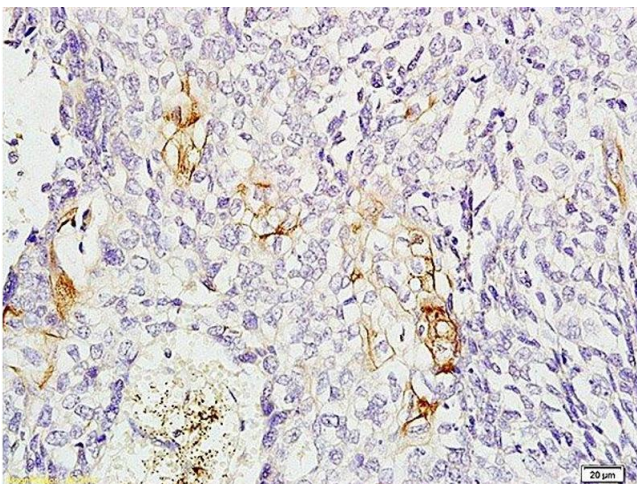
Ahn, Ruiz, Barber: "Intrinsic self-DNA triggers inflammatory disease dependent on STING." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 193, Issue 9, pp. 4634-42, (2014) ([PubMed](#)).

Images



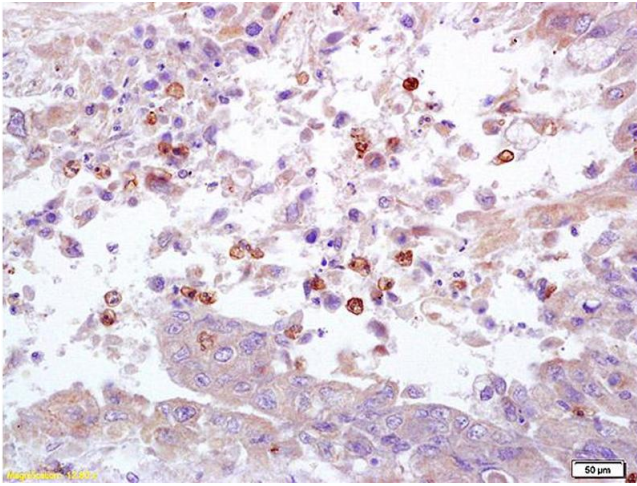
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat kidney labeled with Rabbit Anti-CD11b/c Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded: human esophageal cancer labeled with Rabbit Anti-CD11C Polyclonal Antibody, Unconjugated 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti Integrin Alpha X/CD11c Polyclonal Antibody, Unconjugated (ABIN741285) at 1:200 followed by conjugation to the secondary antibody and DAB staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN741285.