



Datasheet for ABIN2172711

anti-NK-1.1/CD161c antibody (AA 101-200)



[Go to Product page](#)

3 Images

3 Publications

Overview

Quantity:	100 µL
Target:	NK-1.1/CD161c
Binding Specificity:	AA 101-200
Reactivity:	Mouse, Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NK-1.1/CD161c antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse CD161/NK1.1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	NK-1.1/CD161c
Alternative Name:	CD161c/NK1.1 (NK-1.1/CD161c Products)

Target Details

Background: Synonyms: Nk1, Ly59, Nk-1, CD161, Ly-59, Ly55c, NK1.1, NKRP1, Nk1.2, NK-RP1, Nk-1.2, Nkrp1c, ly-55c, NKRP14, AI462337, NKR-P1.9, Killer cell lectin-like receptor subfamily B member 1C, CD161 antigen-like family member C, Lymphocyte antigen 55c, NKR-P1C, Natural killer cell surface protein P1-4, NKR-P1 4, CD161c, Klrb1c

Background: Plays a stimulatory role on natural killer (NK) cells cytotoxicity. Activation by cross-linking of the receptor induces Ca(2+) mobilization and interferon-gamma production.

Gene ID: 17059

UniProt: [P27814](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

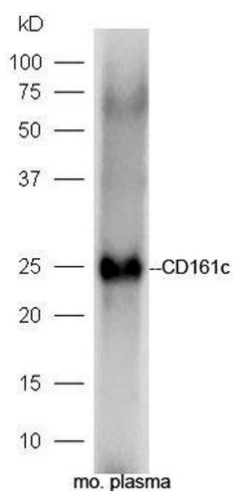
Publications

Product cited in: Liu, Lu, Chen, Zhang, Wang, Li, Zhang: "B-cell leukemia/lymphoma 10 promotes angiogenesis in an experimental corneal neovascularization model." in: **Eye (London, England)**, Vol. 32, Issue 7,

pp. 1220-1231, (2019) ([PubMed](#)).

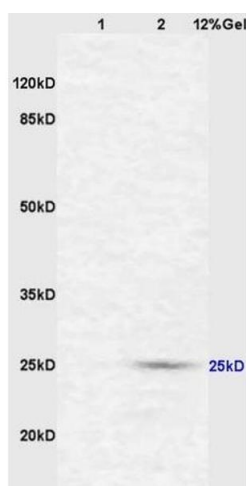
Cheekatla, Tripathi, Venkatasubramanian, Nathella, Paidipally, Ishibashi, Welch, Tvinnereim, Ikebe, Valluri, Babu, Kornfeld, Vankayalapati: "NK-CD11c+ Cell Crosstalk in Diabetes Enhances IL-6-Mediated Inflammation during Mycobacterium tuberculosis Infection." in: **PLoS pathogens**, Vol. 12, Issue 10, pp. e1005972, (2016) ([PubMed](#)).

Images



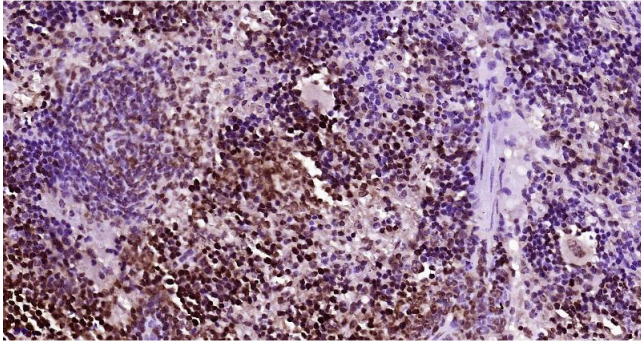
Western Blotting

Image 1. Mouse plasma probed with Rabbit Anti-CD161c Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.



Western Blotting

Image 2. Lane 1: mouse intestine lysates Lane 2: mouse liver lysates probed with Anti CD161c/NK1.1 Polyclonal Antibody, Unconjugated at 1:3000 90min in 37°C. Predicted band 25kD. Observed band size: 25kD.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded Mouse spleen, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with CD161c/NK1.1 Polyclonal Antibody, Unconjugated (bs-4682R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody and DAB staining.