

Datasheet for ABIN681007

anti-CD161 antibody (AA 151-225) (HRP)



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Overview

Quantity:	100 µL
Target:	CD161 (KLRB1)
Binding Specificity:	AA 151-225
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD161 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD161/NK11
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CD161 (KLRB1)
Alternative Name:	CD161 (KLRB1 Products)
Background:	Synonyms: NKR, CD161, CLEC5B, NKR-P1, NKRP1A, NKR-P1A, hNKR-P1A, Killer cell lectin-like receptor subfamily B member 1, C-type lectin domain family 5 member B, Natural killer cell

Target Details

surface protein P1A, KLRB1

Background: Plays an inhibitory role on natural killer (NK) cells cytotoxicity. Activation results in specific acid sphingomyelinase/SMPD1 stimulation with subsequent marked elevation of intracellular ceramide. Activation also leads to AKT1/PKB and RPS6KA1/RSK1 kinases stimulation as well as markedly enhanced T-cell proliferation induced by anti-CD3. Acts as a lectin that binds to the terminal carbohydrate Gal- α (1,3)Gal epitope as well as to the N-acetyllactosamine epitope. Binds also to CLEC2D/LLT1 as a ligand and inhibits NK cell-mediated cytotoxicity as well as interferon-gamma secretion in target cells.

Gene ID: 3820

UniProt: [Q12918](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 μ g/ μ L

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months