

Datasheet for ABIN4907738  
**anti-CD43 antibody (AA 101-200)**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µL
Target:	CD43 (SPN)
Binding Specificity:	AA 101-200
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD43 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD43
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

## Target Details

Target:	CD43 (SPN)
Alternative Name:	CD43 ( <a href="#">SPN Products</a> )
Background:	Synonyms: LSN, CD43, GALGP, GPL115, Leukosialin, Galactoglycoprotein, Leukocyte

## Target Details

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sialoglycoprotein, Sialophorin, SPN

Background: One of the major glycoproteins of thymocytes and T lymphocytes. Plays a role in the physicochemical properties of the T-cell surface and in lectin binding. Presents carbohydrate ligands to selectins. Has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. Is a counter-receptor for SN/Siglec-1 (By similarity). During T-cell activation is actively removed from the T-cell-APC (antigen-presenting cell) contact site thus suggesting a negative regulatory role in adaptive immune response (By similarity).

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Gene ID: 6693

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UniProt: [P16150](#)

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Pathways: [Regulation of Leukocyte Mediated Immunity](#)

## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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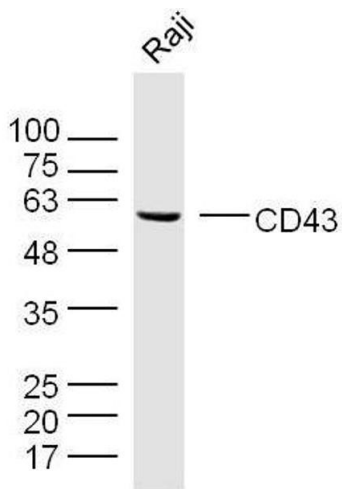
Storage: 4 °C, -20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

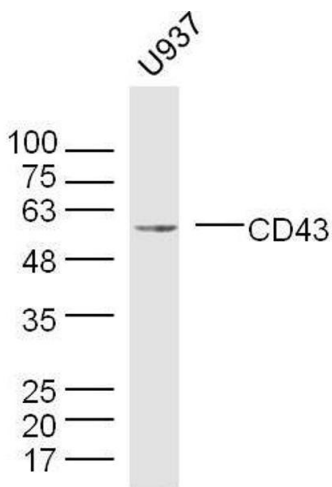
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Expiry Date: 12 months



#### Western Blotting

**Image 1.** Raji cell lysates probed with CD43 Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.



#### Western Blotting

**Image 2.** U937 cell lysates probed with CD43 Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.