

Datasheet for ABIN7505924

**anti-CLEC4D antibody**

## 2 Images

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## Overview

Quantity:	0.1 mg
Target:	CLEC4D
Reactivity:	Human, Non-Human Primate
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CLEC4D antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Anti-Hu CD368 Purified
Immunogen:	CD368 ectodomain fused with human Fc
Clone:	9B9
Isotype:	IgG2b kappa
Specificity:	The mouse monoclonal antibody 9B9 recognizes an extracellular epitope of CD368, a type II transmembrane protein of C lectin family, expressed mainly on monocytes and neutrophils.
Purification:	Purified by protein-A affinity chromatography.

## Target Details

Target:	CLEC4D
Alternative Name:	CD368 ( <a href="#">CLEC4D Products</a> )

## Target Details

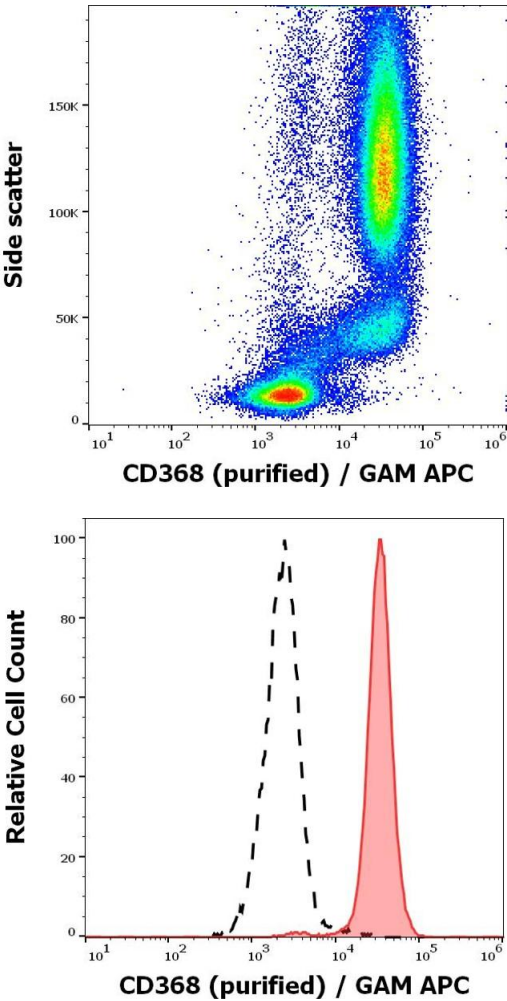
Background:	C-type lectin domain family 4 member D,CD368 is an approximately 25-30 kDa C-type lectin, which serves as one of pattern recognition receptors of the innate immune system. It recognizes pathogen-associated molecular patterns of bacteria and fungi, such as alpha-mannans or trehalose 6,6'-dimycolate, and transfers the signal downstream using associated Fc receptor gamma chain. CD368 is expressed on neutrophils, monocytes, and on some populations of blood dendritic cells, but it decreases during differentiation of monocytes into dendritic cells or macrophages. Increased expression can be induced by IFN-gamma, TNF-alpha, IL-6, and IL-10. CD368 triggering leads to driving of antigen-presenting cells maturation and to promotion of T cell differentiation into Th1 and Th17.,CLEC6, CLEC4D, dectin 3, MCL, MPCL
Gene ID:	338339
UniProt:	<a href="#">Q8WXI8</a>

## Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-5 µg/mL
Restrictions:	For Research Use only

## Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
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:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



### Flow Cytometry

**Image 1.** Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD368 (9B9) purified antibody (concentration in sample 5 µg/mL, GAM APC).

### Flow Cytometry

**Image 2.** Separation of human neutrophil granulocytes (red-filled) from human lymphocytes (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human CD368 (9B9) purified antibody (concentration in sample 5 µg/mL, GAM APC).