

Datasheet for ABIN7013959

**anti-CLEC9A antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	CLEC9A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CLEC9A antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	RBL-2H3 cells expressing human CLEC9A fused to an HA epitope
Clone:	8F9
Isotype:	IgG2a
Specificity:	The mouse monoclonal antibody 8F9 recognizes an extracellular epitope of CD370 / CLEC9A (DNDR1), a type II transmembrane protein functioning as an endocytic receptor on BDCA31+ dendritic cells and on a subset of CD14+ CD16- monocytes.
Purification:	Purified by protein-A affinity chromatography.

## Target Details

Target:	CLEC9A
Alternative Name:	CD370 ( <a href="#">CLEC9A Products</a> )

## Target Details

**Background:** C-type lectin domain containing 9A,CD370 / CLEC9A, also known as DNGR1, is a type II transmembrane glycoprotein with extracellular C-type lectin domain and intracellular ITAM-containing domain. Its expression is restricted to BDCA3+ conventional dendritic cells and to a subset of CD14+ CD16- monocytes. CD370 serves as a receptor for ubiquitous preformed acid-labile protein associated ligands that are exposed when the cell membrane is damaged, such as on necrotic cells. Its triggering by these ligands mediates recruitment and activation of the tyrosine kinase Syk and leads to their cross-presentation to the immune system.,CLEC9A, DNGR1, DNGR-1, UNQ9341

**Gene ID:** 283420

**UniProt:** [Q6UXN8](#)

## Application Details

**Application Notes:** Flow cytometry: Recommended dilution: 1-4 µg/mL

**Restrictions:** For Research Use only

## Handling

**Concentration:** 1 mg/mL

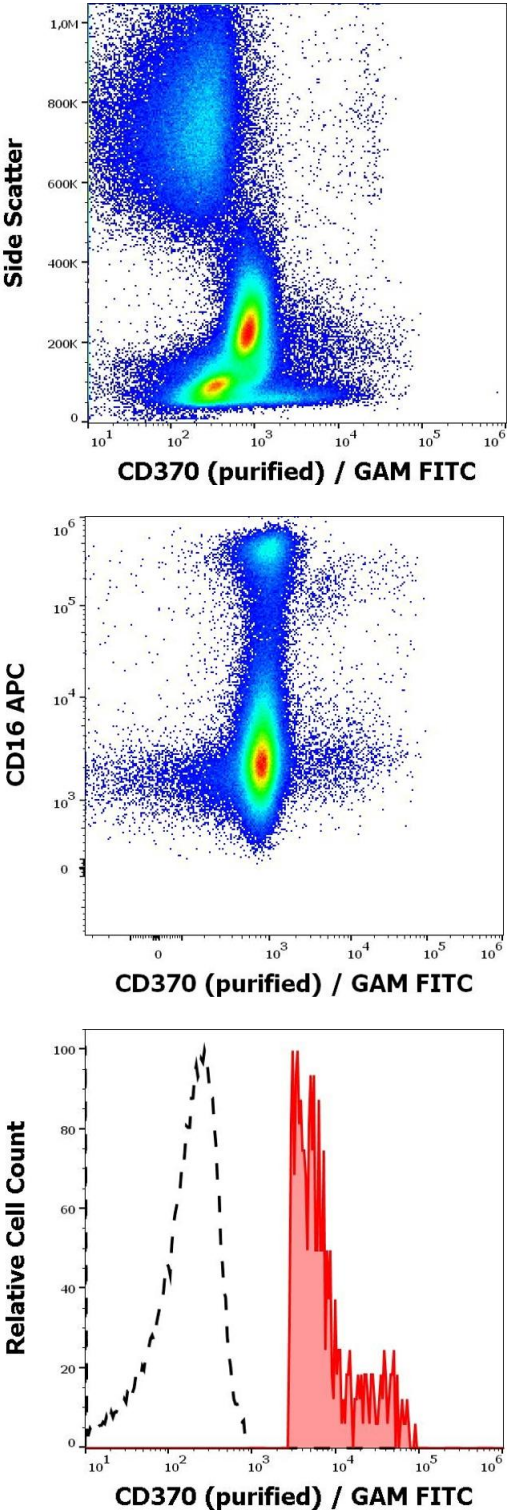
**Buffer:** Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

**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 CD370 (8F9) purified antibody (concentration in sample 1,67  $\mu$ g/mL) GAM FITC.

Flow Cytometry

**Image 2.** Flow cytometry multicolor surface staining of human myeloid cells stained using anti-human CD370 (8F9) purified antibody (concentration in sample 1,67  $\mu$ g/mL, GAM FITC) and anti-human CD16 (3G8) APC antibody (10  $\mu$ L reagent / 100  $\mu$ L of peripheral whole blood).

Flow Cytometry

**Image 3.** Separation of human CD370 positive CD16 positive dendritic cells (red-filled) from neutrophil granulocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD370 (8F9) purified antibody (concentration in sample 1,67  $\mu$ g/mL) GAM FITC.