

Datasheet for ABIN7278016

anti-CD209b Antigen (CD209B) antibody (APC)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CD209b Antigen (CD209B)
Reactivity:	Mouse
Host:	Armenian Hamster
Clonality:	Monoclonal
Conjugate:	APC
Application:	Flow Cytometry (FACS)

Product Details

Clone:	22D1
Isotype:	IgG
Purification:	This monoclonal antibody was purified from tissue culture supernatant via affinity chromatography. The purified antibody was conjugated under optimal conditions, with unreacted dye removed from the preparation. It is recommended to store the product undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.

Target Details

Target:	CD209b Antigen (CD209B)
Alternative Name:	CD209b (SIGN-R1) (CD209B Products)
Background:	The 22D1 monoclonal antibody reacts with mouse CD209b, also known as SIGN-R1. CD209b is a single-pass type II transmembrane C-type lectin. SIGN-R1 is expressed on marginal zone

Target Details

macrophages in the spleen and on lymph node medullary macrophages. Mouse CD209b is one of five homologues to human CD209 (DC-SIGN) and functions to mediate the uptake of encapsulated organisms.

Application Details

Application Notes: This antibody preparation has been quality-tested for flow cytometry using mouse spleen cells, or an appropriate cell type (where indicated). Please refer to the figure legend for the optimal concentration used to stain the tissue shown. We recommend titrating the antibody under your specific conditions to determine the optimal concentration of antibody needed in your experimental system.

Comment: 0.2 mg/mL

Restrictions: For Research Use only

Handling

Buffer: 10 mM NaH₂PO₄, 150 mM NaCl, 0.09 % Sodium azide, 0.1 % gelatin, pH 7.2

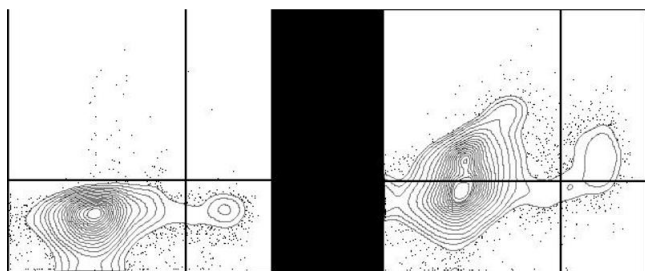
Preservative: Sodium azide

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: 2-8°C protected from light

Expiry Date: 12 months



Flow Cytometry

Image 1. C57Bl/6 splenocytes were stained with PE Anti-Mouse CD11b (ABIN6961254) and 0.25 µg APC Anti-Mouse CD209b (ABIN6961254) (right panel) or 0.25 µg APC Armenian Hamster IgG isotype control (left panel).