

Datasheet for ABIN7505876

anti-CCR9 antibody

3 Images

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Overview

Quantity:	0.1 mg
Target:	CCR9
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CCR9 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu CD199 Purified
Immunogen:	CD199 transfected CHO cells
Clone:	C9Mab-1
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody C9Mab-1 recognizes an extracellular epitope of CD199, a 7-transmembrane chemokine receptor.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	CCR9
Alternative Name:	CD199 (CCR9 Products)

Target Details

Background:	C-C motif chemokine receptor 9,CD199 (CCR9) is a G-protein-coupled 7 TM chemokine receptor for TECK (SCYA25) chemokine. It is expressed strongly in thymus, at lower level in bone marrow and spleen, as well as on a subset of memory T cells specialized for mucosal homing. CD199 appears to confer homing properties to the small intestine on memory T cells. On the other hand it functions as a coreceptor for HIV-1.,GPR-9-6, GPR28
Gene ID:	10803
UniProt:	P51686

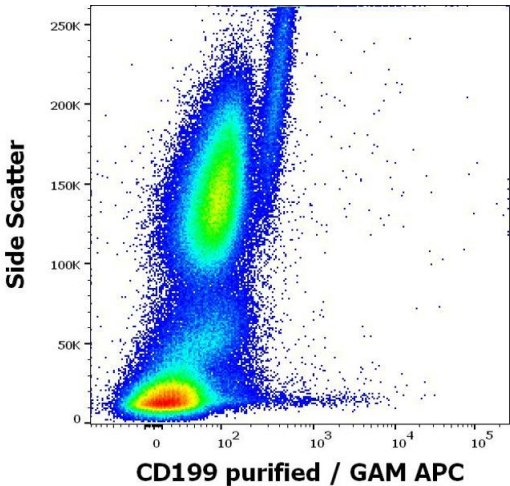
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

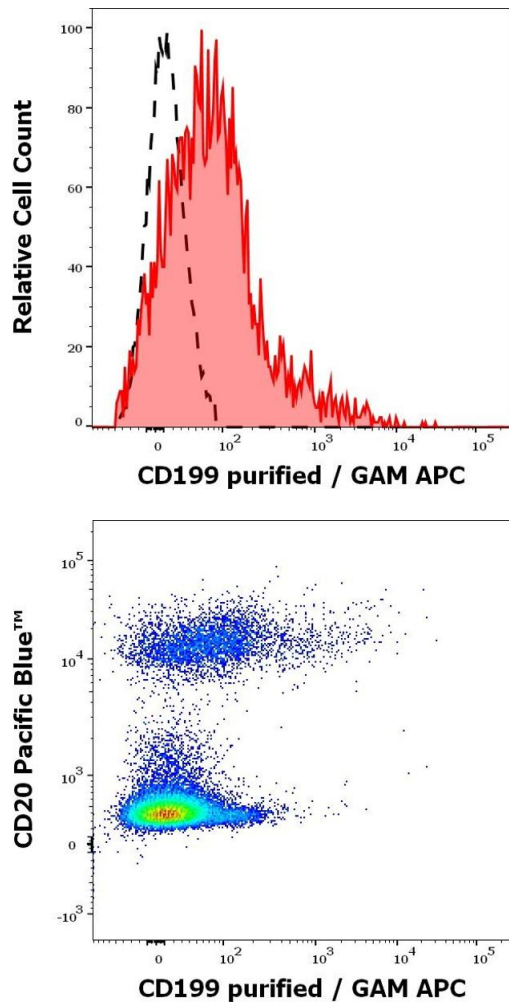
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.

Images



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD199 (C9Mab-1) purified antibody (concentration in sample 0.5 µg/mL, GAM APC).



Flow Cytometry

Image 2. Separation of human CD20 positive lymphocytes (red-filled) from CD20 negative CD199 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD199 (C9Mab-1) purified antibody (concentration in sample 0.5 µg/mL, GAM APC).

Flow Cytometry

Image 3. Flow cytometry multicolor surface staining pattern of human lymphocytes using anti-human CD199 (C9Mab-1) purified antibody (concentration in sample 0.5 µg/mL, GAM APC) and anti-human CD20 (2H7) Pacific Blue antibody (4 µ L reagent / 100 µL of peripheral whole blood).