

Datasheet for ABIN7013992

anti-CXCR7 antibody

2 Images

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Overview

Quantity:	0.1 mg
Target:	CXCR7
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CXCR7 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	10D1-J16
Isotype:	IgG2a kappa
Specificity:	The mouse monoclonal antibody 10D1-J16 recognizes an extracellular epitope on CD187/CXCR7, a transmembrane protein of chemokine receptor family.
Purification:	Purified by protein-A affinity chromatography.

Target Details

Target:	CXCR7
Alternative Name:	CD187 (CXCR7 Products)
Background:	Atypical chemokine receptor 3,CD187 (CXCR7) is a member of chemokine receptor family, but with discussed specificity. It is expressed in various tissues and cells, such as placenta, urinary bladder, fetal liver cells, tumor cells, activated endothelium, monocytes, lymphocytes, mature

Target Details

	dendritic cells, and other.,CXCR7, RDC1, GPR159, ACKR3
Gene ID:	57007
UniProt:	P25106
Pathways:	Myometrial Relaxation and Contraction, Negative Regulation of intrinsic apoptotic Signaling

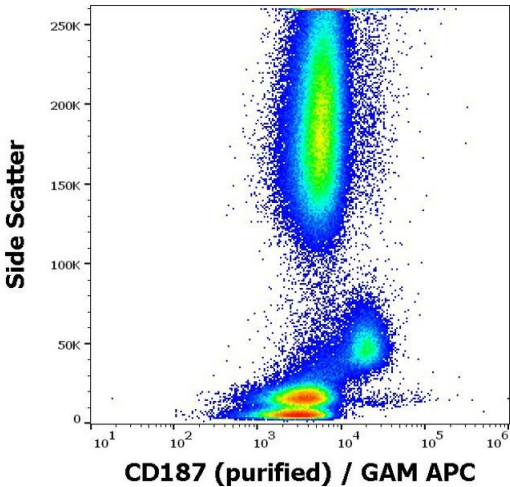
Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-12 µg/mL
Restrictions:	For Research Use only

Handling

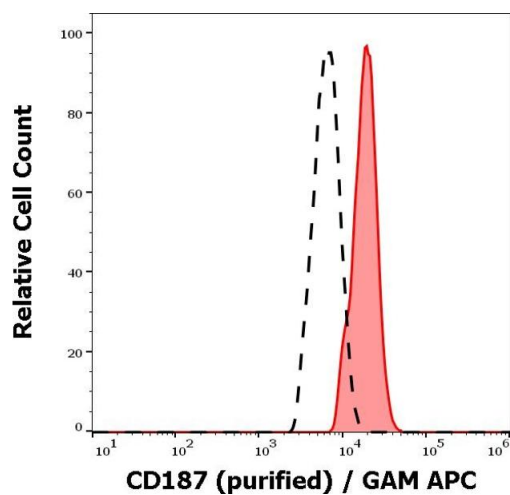
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C.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

Images



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD187 (10D1-J16) purified antibody (concentration in sample 1,7 µg/mL, GAM APC).



Flow Cytometry

Image 2. Separation of monocytes stained anti-human CD187 (10D1-J16) purified antibody (concentration in sample 1,7 $\mu\text{g/mL}$, GAM APC, red-filled) from monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).