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30-2629: Anti-Human CD187 Antibody (Clone : 10D1-J16)

Clonality :	Monoclonal
Clone Name :	10D1-J16
Application :	FACS
Reactivity :	Human
Gene :	ACKR3
Gene ID :	57007
Format :	Purified
Alternative Name :	CXCR7, RDC1, GPR159, ACKR3,atypical chemokine receptor 3
Isotype :	Mouse IgG2a kappa

Description

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 dendritic cells, and other.
Specificity : The mouse monoclonal antibody 10D1-J16 recognizes an extracellular epitope on CD187/CXCR7, a transmembrane protein of chemokine receptor family.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Content :	1 mg/ml, Formulation : Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-12 µg/ml

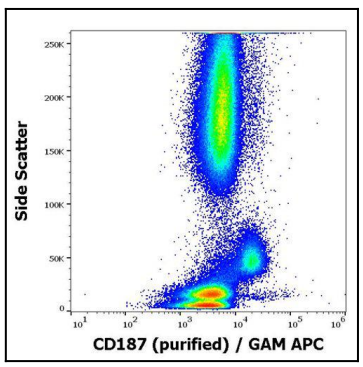


Figure 1 : Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD187 (10D1-J16) purified antibody (concentration in sample 1,7 µg/ml, GAM APC).

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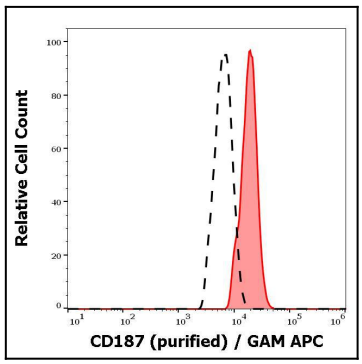


Figure 2 : Separation of monocytes stained anti-human CD187 (10D1-J16) purified antibody (concentration in sample 1,7 µg/ml, GAM APC, red-filled) from monocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).

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