

FITC Anti-Mouse CD186 Antibody[SA051D1]

Catalog Number: AN01141C

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

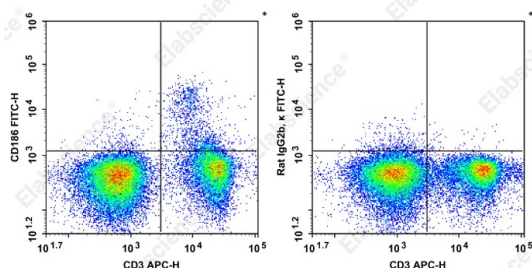
Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone No.	SA051D1
Isotype Control	FITC Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842C]
Conjugation	FITC
Conjugation Information	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications

Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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Data



Staining of C57BL/6 murine splenocytes cells with APC Anti-Mouse CD3 Antibody and FITC Anti-Mouse CD186 Antibody[SA051D1] (left) or FITC Rat IgG2b, κ Isotype Control (right). Total viable cells were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	CXCR6;Chemokine (C-X-C motif) receptor 6;BONZO;STRL33;chemokine receptor 6; CD 186;CXC-R6;CXCR-6;C-X-C chemokine receptor type 6
Uniprot ID	Q9EQ16
Gene ID	80901

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Rev. V1.3

Background

CD186, or CXCR6, is a 39 kD G-protein coupled chemokine receptor with seven transmembrane-spanning regions. Its ligand is CXCL16. It is expressed on different T cell subsets and is upregulated in activated T cells. Expression of CXCR6 is correlated with increased inflammatory responses and seems to contribute to liver fibrosis.