SONY

Product Data Sheet

APC/Cyanine7 anti-mouse CD186 (CXCR6)

Catalog # / Size: 1355615 / 25 µg
1355620 / 100 µg

Clone: SA051D1

Isotype: Rat IgG2b, κ

Immunogen: mCXCR6-transfectants

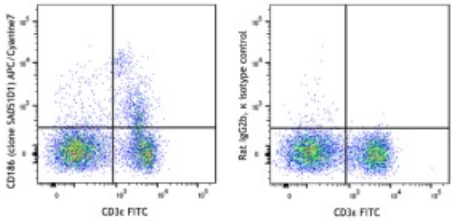
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography and conjugated with APC/Cyanine7 under optimal conditions.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Workshop Number: HCDM listed

Concentration: 0.2

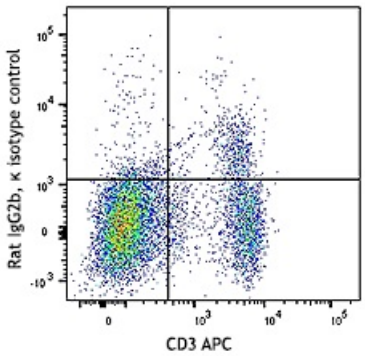


C57BL/6 mouse splenocytes were stained with CD3ε FITC and anti-mouse CD186 (CXCR6) (clone SA051D1) APC/Cyanine7 (left) or rat IgG2b, κ APC/Cyanine7 isotype control (right).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.5 µg per million cells in 100 µL volume. It is r



Application References:

1. Kim CH, *et al.* 2001. *J. Clin. Invest.* 107:595.
2. Heesch K, *et al.* 2014. *PLoS One.* 9:5.
3. Wehr A, *et al.* 2013. *J. Immunol.* 190:5226.

Description: 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 wit

Antigen References:

1. Kim CH, *et al.* 2001. *J. Clin. Invest.* 107:595.
2. Heesch K, *et al.* 2014. *PLoS One.* 9:5.
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