

Product Data Sheet

FITC anti-mouse CD226 (DNAM-1)

Catalog # / Size: 128803 / 50 µg

Clone: 10E5

Isotype: Rat IgG2b, κ

Immunogen: Th1 polarized T cell clones

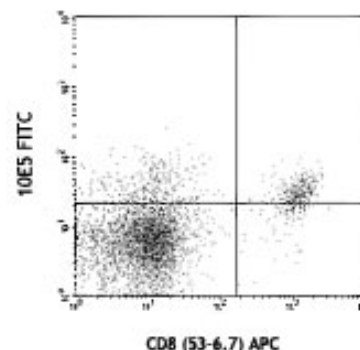
Reactivity: Rat

Preparation: The antibody was purified by affinity chromatography, and conjugated with FITC under optimal conditions. The solution is free of unconjugated FITC.

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

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



BALB/c splenocytes were stained with CD8 (clone 53-6.7) APC and CD226 (clone 10E5) FITC.

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 µg per 10⁶ cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application References: 1. Dardalhon V, *et al.* 2005. *J. Immunol.* 175:1558

Description: CD226 (DNAM-1) is constitutively expressed on native CD8+ cells and on CD4+ T cells, macrophages and NK cells. This antibody (10E5) was reported to bind about 40% of inactivated CD4+ cells and binds only to differentiated Th1 cells, but not to Th2 or Th0 cells. It is also reported to suppress antigen-specific T cell expansion and EAE (experimental allergic encephalitis) mediated by Th1 cells.

Antigen References: 1. Tahara Hanaoka S, *et al.* 2006. *Blood* 107:1491
 2. Shibuya K, *et al.* 2003. *J. Exp. Med.* 198:1829

Related Products:

Product
 Cell Staining Buffer
 RBC Lysis Buffer (10X)
 TruStain fcX™ (anti-mouse CD16/32)
 FITC Rat IgG2b, κ Isotype Ctrl

Clone

93
 RTK4530

Application

FC, ICC, ICFC
 FC, ICFC
 FC
 FC, ICFC



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