

Product Data Sheet

Purified anti-mouse CD226 (DNAM-1)

Catalog # / Size: 133602 / 200 µg

Clone: TX42.1

Isotype: Rat IgG2a

Immunogen: Mouse DNAM-1 transfected cells

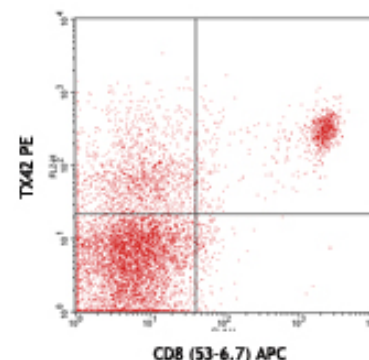
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

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.



C57BL/6 splenocytes stained with CD8 (53-6.7) APC and purified TX42 conjugated with PE

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 ≤1.0 µg per million 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
 2. Shirakawa J, *et al.* 2006. *International Immunology* 18(6):951-957

Description: Mouse CD226 (DNAM-1) is a 65 kd glycoprotein of a member of Ig super-family adhesion molecule containing 2 immunoglobulin-like domains. It is associated with leukocyte function associated antigen-1 (LFA-1) involving in TCR-mediated signal transduction for T cell proliferation and differentiation. CD226 is also involved in NK cell and T cell mediated cytotoxicity against certain tumors. CD226 (DNAM-1) is constitutively expressed on naïve CD8⁺ and CD4⁺ T cells, macrophages, and NK cells. It was reported that CD226 expression is up-regulated on Th1 cells, but down-regulated on Th2 and Th0 cells. CD155 and CD112 are the ligands for CD226.

Related Products:

Product
 Purified Rat IgG2a, κ Isotype Ctrl
 Cell Staining Buffer
 RBC Lysis Buffer (10X)

Clone
 RTK2758

Application
 FC, ICC, IF, IHC, IP, WB
 FC, ICC, ICFC
 FC, ICFC



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