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## FITC Anti-Mouse CD226 Antibody[10E5]

Catalog Number: E-AB-F1402C

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

Description

Reactivity Mouse Rat Host

Isotype Rat IgG2b, ĸ

Clone No. 10E5

FITC Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842C] Isotype Control

Conjugation

**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

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount **FCM** 

> 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.

**Preparation & Storage** 

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

**Shipping** Ice bag

**Antigen Information** 

**Alternate Names** DNAM-1;PTA1(platelet and T cell activation antigen 1);TLISA1;LFA-1 associated

Molecule PTA-1

**Uniprot ID** Q8K4F0 Gene ID 225825

**Background** 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.

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