

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

Catalog Number: E-AB-F1402E

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

### Description

|                         |  |
|-------------------------|--|
| Reactivity              | Mouse  |
| Host                    | Rat  |
| Isotype                 | Rat IgG2b, $\kappa$  |
| Clone No.               | 10E5   |
| Isotype Control         | APC Rat IgG2b, $\kappa$ Isotype Control[LTF-2] [Product E-AB-F09842E]  |
| Conjugation             | APC  |
| Conjugation Information | APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter). |
| Storage Buffer          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.   |

### Applications

#### Recommended usage

|     |  |
|-----|--|
| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> 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.<br>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. |

### For Research Use Only