

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

**Catalog Number:** E-AB-F1402D

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

### Description

<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2b, $\kappa$
<b>Clone No.</b>	10E5
<b>Isotype Control</b>	PE Rat IgG2b, $\kappa$ Isotype Control[LTF-2] [Product E-AB-F09842D]
<b>Conjugation</b>	PE
<b>Conjugation Information</b>	PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

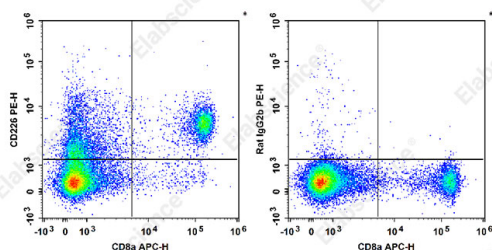
### Applications

### Recommended usage

#### FCM

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### Data



Staining of C57BL/6 murine splenocytes with APC Anti-Mouse CD8a Antibody and PE Anti-Mouse CD226 Antibody[10E5] (left) or PE Rat IgG2b,  $\kappa$  Isotype Control (right). Total viable cells were used for analysis.

### 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;LFA-1 associated Molecule PTA-1;PTA1 (platelet and T cell activation antigen 1);TLISA1

### For Research Use Only

**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**

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V1.3