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## PE Anti-Mouse CD326/EpCAM Antibody[G8.8]

Catalog Number: E-AB-F1181D

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

#### Description

Reactivity Mouse Rat Host

Isotype Rat IgG2a, ĸ

Clone No. G8.8

PE Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832D] Isotype Control

Conjugation

**Conjugation Information** 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).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

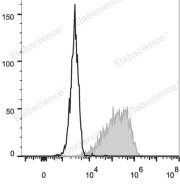
#### **Applications** Recommended usage

**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 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.

#### **Data**



4T-1 cells are stained with PE Anti-Mouse CD326 Antibody (filled gray histogram). Unstained cells (empty black histogram) are used as control.

#### **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** EGP314;Ep-CAM;EpCAM;Megp314;Tacstd1

**Uniprot ID** Q99JW5 Gene ID 17075

### For Research Use Only

Tel: 1-832-243-6086 Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Email:techsupport@elabscience.com Web:www.elabscience.com

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**Background** 

EpCAM (CD326) mediates calcium-independent homophilic cell to cell adhesion. It may also function as a growth factor receptor. It is thought to be involved in maintaining cells in position during proliferation. Expression of EpCAM seems to correlate inversely with the level of E-cadherin (CD324). EpCAM is considered important in tumor biology.

Fax: 1-832-243-6017