

## PE/Cyanine7 Anti-Mouse CD326/EpCAM Antibody[G8.8]

Catalog Number: E-AB-F1181H

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

### Description

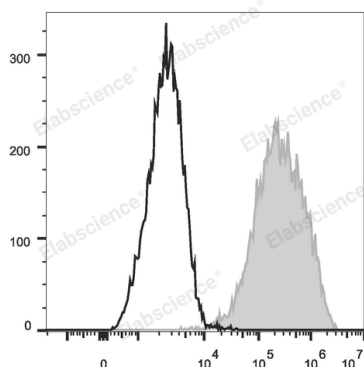
|                                |  |
|--------------------------------|--|
| <b>Reactivity</b>              | Mouse  |
| <b>Host</b>                    | Rat  |
| <b>Isotype</b>                 | Rat IgG2a, κ   |
| <b>Clone No.</b>               | G8.8   |
| <b>Isotype Control</b>         | PE/Cyanine7 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832H]   |
| <b>Conjugation</b>             | PE/Cyanine 7   |
| <b>Conjugation Information</b> | PE/Cyanine7 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 775 nm (e.g., a 780/60 nm bandpass filter). |
| <b>Storage Buffer</b>          | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.  |

### Applications

### Recommended usage

|            |   |
|------------|---|
| <b>FCM</b> | 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 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).</b> 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/Cyanine7 Anti-Mouse CD326 Antibody (filled gray histogram). Unstained cells (empty black histogram) are used as control.

### Preparation & Storage

|                 |   |
|-----------------|---|
| <b>Storage</b>  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| <b>Shipping</b> | Ice bag   |

### Antigen Information

|                        |                                     |
|------------------------|-------------------------------------|
| <b>Alternate Names</b> | EGP314;Ep-CAM;EpCAM;Megp314;Tacstd1 |
| <b>Uniprot ID</b>      | Q99JW5                              |
| <b>Gene ID</b>         | 17075                               |

### For Research Use Only

## **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.