

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

Catalog Number: E-AB-F1181UE

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

Description

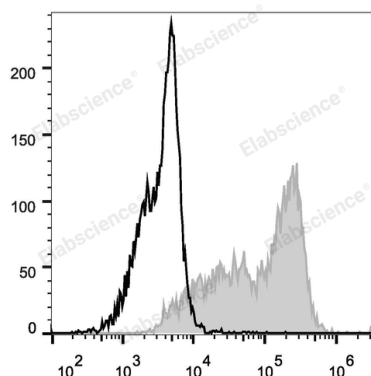
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| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2a, κ |
| Clone No. | G8.8 |
| Isotype Control | APC Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09833E] |
| Conjugation | APC |
| Conjugation Information | APC is designed to be excited 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% stabilizer and 1% protein protectant. |

Applications

Recommended usage

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| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 μ g/ 10^6 cells in 100 μ L volume]. |
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Data



4T1 cells are stained with APC Anti-Mouse CD326 Antibody (filled gray histogram) or APC Mouse IgG2a, κ Isotype Control (empty black histogram).

Preparation & Storage

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| 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

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|------------------------|-------------------------------------|
| Alternate Names | EGP314;Ep-CAM;EpCAM;Megp314;Tacstd1 |
| Uniprot ID | Q99JW5 |
| Gene ID | 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.

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