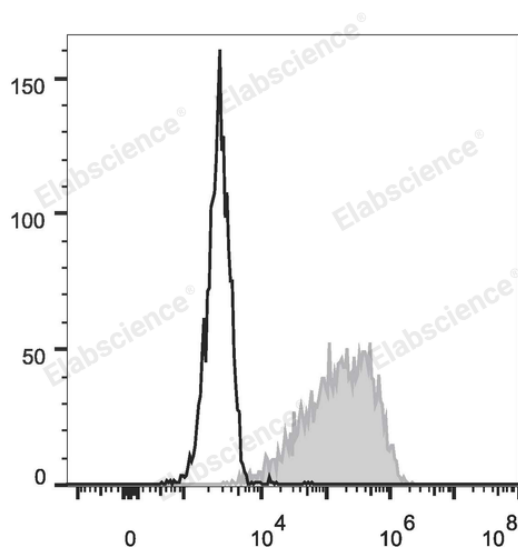


|                       |                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>  | PE Anti-Mouse CD326/EpCAM Antibody[G8.8]                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cat number:</b>    | MAB1181UD                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Conjugate:</b>     | PE                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Size:</b>          | 100µg                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Clone:</b>         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration:</b> | 0.2 mg/mL                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Host:</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype:</b>       | Rat IgG2a, κ                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity:</b>    | Mouse                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Applications:</b>  | 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 µg/10 <sup>6</sup> cells in 100 µL volume]. |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Buffer:</b>        | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.                                                                                                                                                                                                                                                                                                                              |
| <b>Storage:</b>       | This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.                                                                                                                                                                                                                                                                        |
| <b>Background:</b>    | 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.                                      |



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