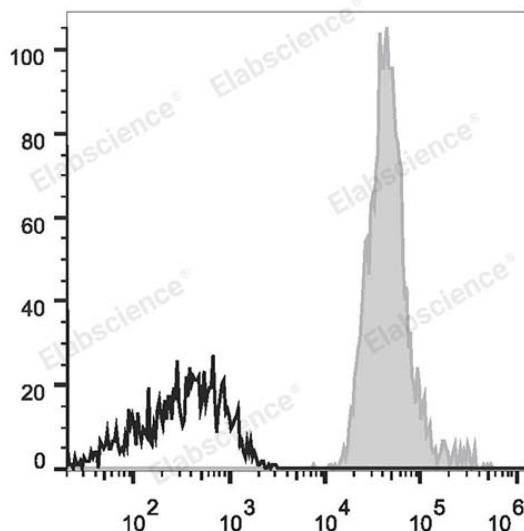


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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>  | Fluor® 647 Anti-Human CD147 Antibody[HIM6]                                                                                                                                                                                                                                                                                                                                                |
| <b>Cat number:</b>    | MAB1056M                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Conjugate:</b>     | Fluor <sup>®</sup> 647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).                                                                                                                                                                                                             |
| <b>Size:</b>          | 100Tests                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clone:</b>         | HIM6                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration:</b> | 5 µL/Test                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Host:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Isotype:</b>       | Mouse IgG1, κ                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity:</b>    | Human                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications:</b>  | FCM - 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. |
| <b>Form:</b>          | Liquid                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Buffer:</b>        | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.                                                                                                                                                                                                                                                                                               |
| <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>    | CD147, also known as neurothelin or basigin, is a member of the Ig superfamily. It is a 55-65 kD type I transmembrane glycoprotein which is primarily expressed on leukocytes, erythrocytes, platelets, and endothelial cells. CD147 is reported to have a function during embryonal brain development and/or play a role in integrin-mediated adhesion in brain endothelia.              |



Human peripheral blood lymphocytes are stained with Fluor<sup>®</sup> 647 Anti-Human CD147 Antibody (filled gray histogram). Unstained lymphocytes (empty black histogram) are used as control.