

FITC Anti-Human CD117 (c-Kit) Antibody

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| Catalog Number: | 104609, 104610 |
| Size: | 25 tests, 100 tests |
| Target Name: | CD117, Stem cell factor receptor, c-kit, mast cell growth factor receptor, steel factor receptor |
| Regulatory Status: | RUO |

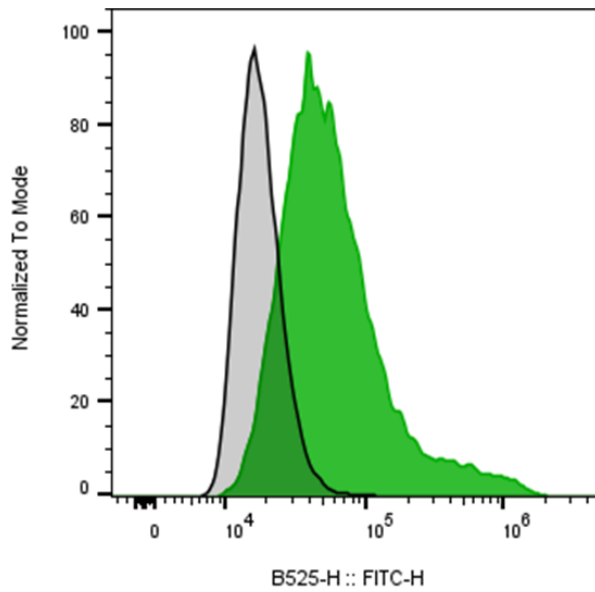
PRODUCT DETAILS

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| Clone: | 117AB |
| Application: | Flow Cytometry |
| Reactivity: | Human |
| Format: | FITC |
| Isotype: | Rabbit IgG |
| Antibody Type: | Monoclonal |
| Formulation: | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA |
| Storage&Handling: | The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze. |
| Recommended Usage: | For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application. FITC has an excitation max at 493 nm and an emission max at 525 nm. |
| Excitation Laser: | Blue Laser (488 nm) |
| Isotype Control: | 303309 |

BACKGROUND INFORMATION

CD117 is a 145 kD protein tyrosine kinase also known as c-Kit. It is a cytokine receptor expressed on the surface of hematopoietic stem cells as well as other cell types. Altered forms of this receptor may be associated with some types of cancer. CD117 is a receptor tyrosine kinase type III, which binds to stem cell factor, also known as "steel factor" or "c-kit ligand."

PRODUCT DATA



Human HEL92.1.7 were stained with FITC Anti-Human CD117 clone 117AB (color-filled histogram) or an isotype control (gray histogram).

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