

## iF647 Anti-Human CD117 (c-Kit) Antibody

<b>Catalog Number:</b>	104605, 104606
<b>Size:</b>	25 tests, 100 tests
<b>Target Name:</b>	CD117, Stem cell factor receptor, c-kit, mast cell growth factor receptor, steel factor receptor
<b>Regulatory Status:</b>	RUO

### PRODUCT DETAILS

---

<b>Clone:</b>	117AB
<b>Application:</b>	Flow Cytometry
<b>Reactivity:</b>	Human
<b>Format:</b>	iF647
<b>Isotype:</b>	Rabbit IgG
<b>Antibody Type:</b>	Monoclonal
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Storage&amp;Handling:</b>	The antibody solution should be stored between 2°C and 8°C
<b>Recommended Usage:</b>	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. iF647 has an excitation max at 656 nm and an emission max at 670 nm.
<b>Excitation Laser:</b>	Red Laser (633 nm)
<b>Isotype Control:</b>	303307

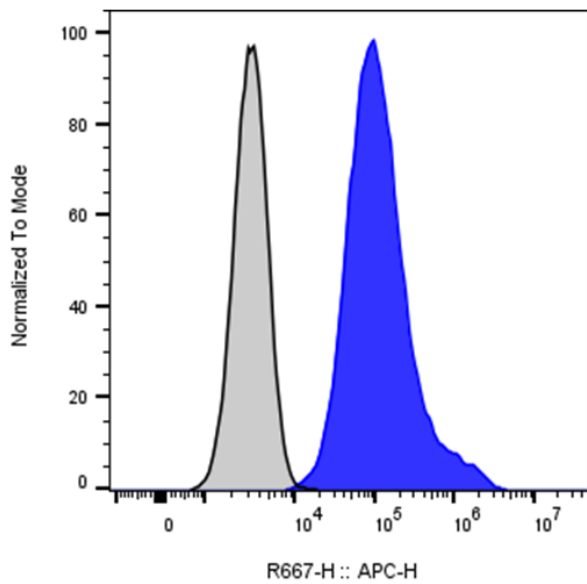
### BACKGROUND INFORMATION

---

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 iF647 Anti-Human CD117 clone 117AB (color-filled histogram) or an isotype control (gray histogram).

This product is supplied subject to the terms and conditions at [www.innocyto.com/web/terms.php](http://www.innocyto.com/web/terms.php) and may only be used as provided in the stated terms. Products are for Research Use Only.