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InnoCyto Inc.

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iF488 Anti-Human CD117 (c-Kit) Antibody

Catalog Number:	104705, 104706
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

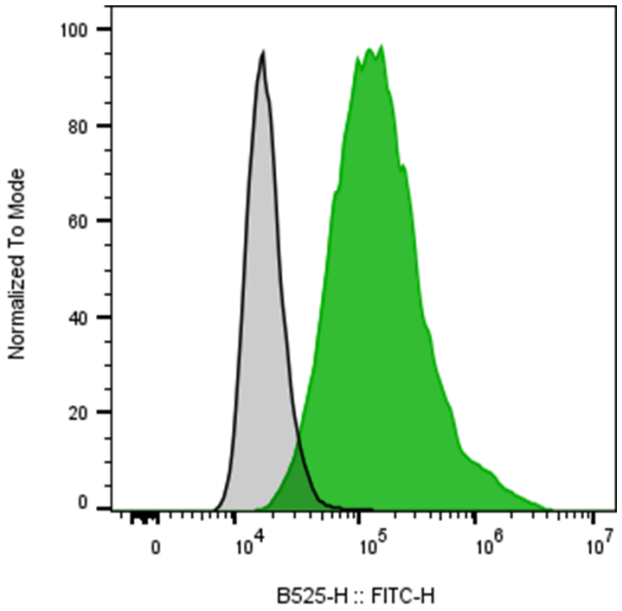
PRODUCT DETAILS

Clone:	117AM1
Application:	Flow Cytometry
Reactivity:	Human
Format:	iF488
Isotype:	Mouse IgG1
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	Supplied at a lot-specific concentration.
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. iF488 has an excitation max at 491 nm and an emission max at 516 nm.
Excitation Laser:	Blue Laser (488 nm)
Isotype Control:	301409

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 iF488 Anti-Human CD117 clone 117AM1 (color-filled histogram) or an isotype control (gray histogram).

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