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InnoCyto Inc.

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Anti-Human CD117 (c-Kit) Antibody

Catalog Number:	104701, 104702
Size:	100 μg, 500 μg
Target Name:	CD117, Stem cell factor receptor, c-kit, mast cell growth factor receptor, steel factor receptor
Regulatory Status:	RUO

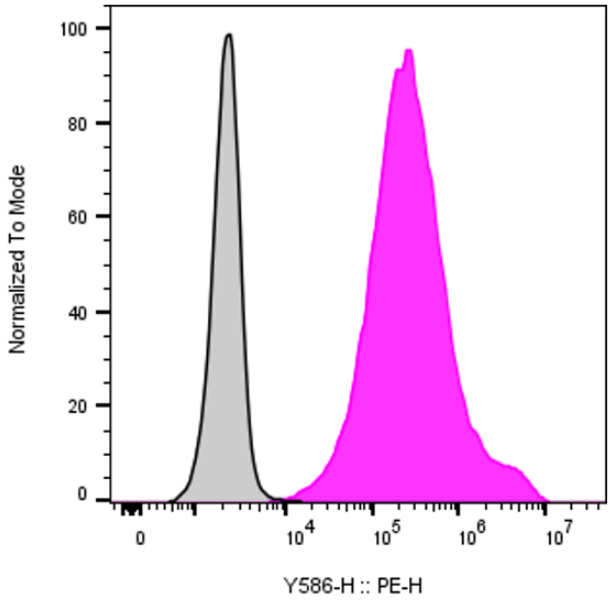
PRODUCT DETAILS

Clone:	117AM1
Application:	Flow Cytometry
Reactivity:	Human
Format:	Purified
Isotype:	Mouse IgG1
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Protein Concentration:	0.5 mg/mL
Storage & Handling:	The antibody solution should be stored between 2°C and 8°C
Recommended Usage:	For flow cytometric staining, it is recommended to use less than 0.2 µg 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
Isotype Control:	301401

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 purified Anti-Human CD117 clone 117AM1 (color-filled histogram) or an isotype control (gray histogram), followed by PE secondary Anti-Mouse IgG.

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