www.innocyto.com.cn

InnoCyto Inc.

15375 Barranca Pkwy, Suite I-103
Irvine, CA 92618
Email: info@innocyto.com
Phone: 1-949-418-7543

iF647 Anti-human/mouse/rat CD278 (ICOS) Antibody

Catalog Number:	111203, 111204
Size:	25 ug, 100 ug
Target Name:	CD278, ICOS, Inducible Costimulatory molecule
Regulatory Status:	RUO

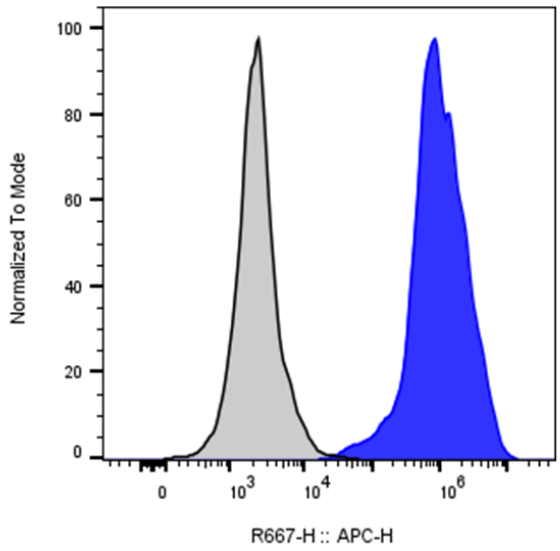
PRODUCT DETAILS

Clone:	C398.4A
Application:	Flow Cytometry
Reactivity:	Human, mouse, rat
Format:	iF647
Isotype:	Armenian Hamster IgG
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.
Excitation Laser:	Red Laser (633 nm)
Recommended usage:	For flow cytometric staining, it is recommended to use less than 0.25 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. iF647 has an excitation max at 656 nm and an emission max at 670 nm.

BACKGROUND INFORMATION

ICOS is a 47–57 kDa costimulatory molecule homologous to CD28/CTLA-4 and is expressed on activated T cells and a subset of thymocytes. Engagement of ICOS enhances T cell proliferation, promotes cytokine production such as IL-4 and IL-10, and plays an important role in humoral immunity and Th2 cell differentiation.

PRODUCT DATA



Human peripheral blood lymphocytes stimulated with plate-coated anti-Human CD3 and CD28 for 3 days was stained with iF647 Anti-Human/Mouse/Rat ICOS clone C398.4A (color-filled histogram) or an isotype control (gray histogram). Cells were treated with Fc block prior to the antibody staining.

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