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InnoCyto Inc.

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APC/Cyanine7 Anti-Human/Mouse/Rat CD278 (ICOS) Antibody

Catalog Number:	111211, 111212
Size:	25 ug, 100 ug
Target Name:	CD278, ICOS, Inducible Costimulatory molecule
Regulatory Status:	RUO

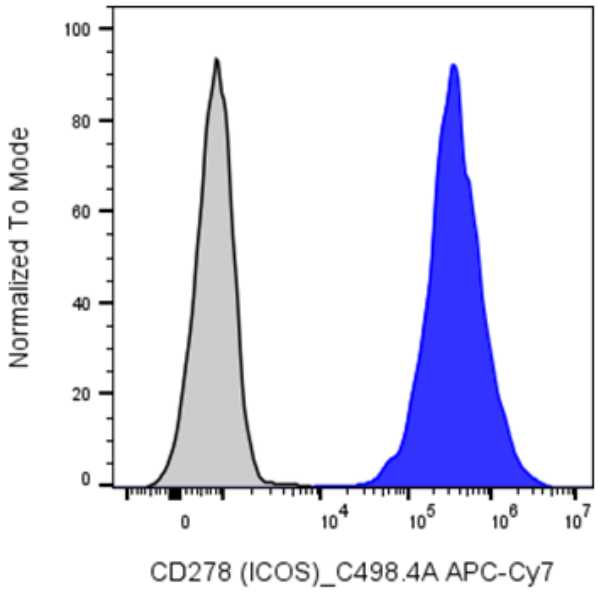
PRODUCT DETAILS

Clone:	C398.4A
Application:	Flow Cytometry
Reactivity:	Human, mouse, rat
Format:	APC/Cyanine7
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)
Isotype Control:	300516
Recommended usage:	For flow cytometric staining, it is recommended to use less than 0.5 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. APC/Cyanine7 has an excitation max at 650 nm and an emission max at 774 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 Anti-Human CD3/CD28for3-days were stained with APC/Cyanine7 Anti-Human/Mouse/Rat CD278 (ICOS) clone C398.4A (color-filled histogram) or an isotype control (gray histogram).

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