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InnoCyto Inc.

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iF700 Anti-Human/Mouse/Rat CD278 (ICOS) Antibody

Catalog Number:	111207, 111208
Size:	25 ug, 100 ug
Target Name:	CD278, ICOS, Inducible Costimulatory molecule
Regulatory Status:	RUO

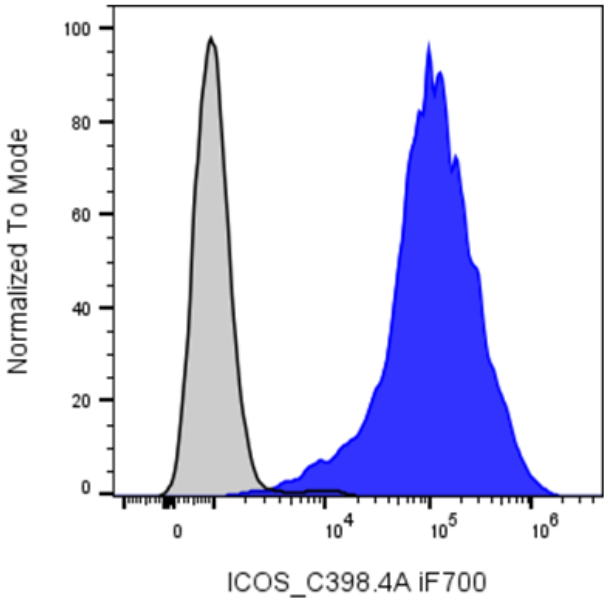
PRODUCT DETAILS

Clone:	C398.4A
Application:	Flow Cytometry
Reactivity:	Human, mouse, rat
Format:	iF700
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.
Recommended Usage:	For flow cytometric staining, it is recommended to use 5 uL 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. iF700 has an excitation max at 690 nm and an emission max at 710 nm.
Excitation Laser:	Red Laser (633 nm)
Isotype Control:	300513
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. iF700 has an excitation max at 690 nm and an emission max at 710 nm.
GeneID:	29851
RRID:	AB_3758941

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/CD28 for 3-days were stained with i F700 Anti-Human/Mouse/Rat CD278 (ICOS) clone C398.4A (color-filled histogram) or an isotype control (gray histogram).

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