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InnoCyto Inc.

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

Catalog Number:	111201, 111202
Size:	100 ug, 500 ug
Target Name:	CD278, ICOS, Inducible Costimulatory molecule
Regulatory Status:	RUO

PRODUCT DETAILS

Clone:	C398.4A
Application:	Flow Cytometry
Reactivity:	Human, mouse, rat
Format:	Purified
Isotype:	Armenian Hamster IgG
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 ug 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.

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.