

iF488 Anti-human/mouse/rat CD278 (ICOS) Antibody

Catalog Number:	111305, 111306
Size:	25 tests, 100 tests
Target Name:	CD278, ICOS, Inducible Costimulatory molecule
Regulatory Status:	RUO

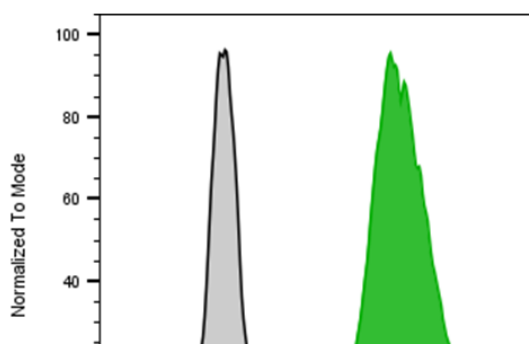
PRODUCT DETAILS

Clone:	C398.4A-Rec
Application:	Flow Cytometry
Reactivity:	Human, mouse, rat
Format:	iF488
Isotype:	Mouse IgG1
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.
Excitation Laser:	Blue Laser (488 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 iF488 Anti-Human/Mouse/Rat ICOS clone C398.4A-Rec (color-filled histogram) or an isotype control (gray histogram).

Cells were treated with Fc block prior to the antibody staining.

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