Anti-Human CD278 (ICOS) PE

Catalog Number :30811-60

**Product Information**

- **Clone:** ISA-3
- **Format/Conjugate:** PE
- **Concentration:** 5 uL (0.03 ug)/test
- **Reactivity:** Human
- **Laser:** Blue (488nm), Yellow/Green (532-561nm)
- **Peak Emission:** 578nm
- **Peak Excitation:** 496nm
- **Filter:** 585/40
- **Brightness (1=dim,5=brightest):** 5
- **Isotype:** Mouse IgG1, kappa
- **Formulation:** Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, ph7.2.
- **Storage:** Product should be kept at 2-8°C and protected from prolonged exposure to light.
- **Applications:** FC

**Description**

The ISA-3 monoclonal antibody specifically reacts with human CD278 or Inducible COStimulatory molecule (ICOS), a 47-60 kDa homodimeric glycoprotein also known as H4, AILIM, and CRP-1. It is expressed on activated T cells and a group of thymocytes and is involved in the proliferation, activation, and cytokine production of T cells. When plate-bound, the ISA-3 antibody induces the production of IL-4,5,10 in T cells.

**Preparation & Storage**

The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

**Application Notes**

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. The antibody can be used at less than or equal to 5 μL per test. A test is the amount of antibody required to stain a cell sample in the final volume of 100 μL.

**References**

