

Product datasheet for **TA813299S**

ICOS Mouse Monoclonal Antibody [Clone ID: OTI3E8]

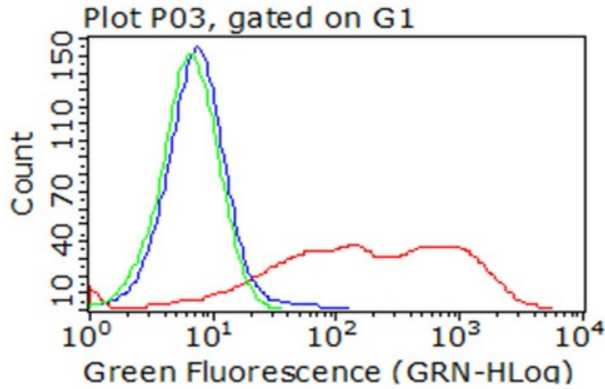
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3E8 |
| Applications: | FC |
| Recommended Dilution: | FLOW 1:100~400 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human ICOS (NP_036224) produced in 293F cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 20.2 kDa |
| Gene Name: | inducible T-cell costimulator |
| Database Link: | NP_036224 Entrez Gene 29851 Human Q9Y6W8 |
| Background: | The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. [provided by RefSeq, Jul 2008] |
| Synonyms: | AILIM; CD278; CVID1 |
| Protein Families: | Secreted Protein, Transmembrane |
| Protein Pathways: | Cell adhesion molecules (CAMs), Primary immunodeficiency, T cell receptor signaling pathway |

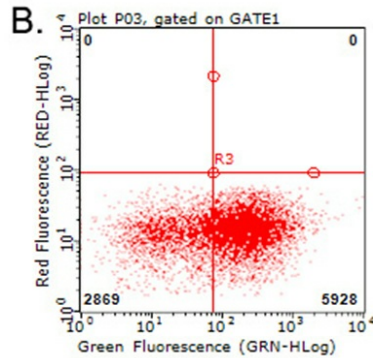
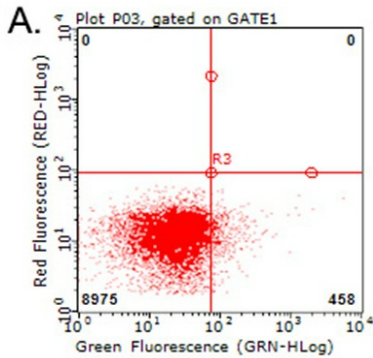


[View online »](#)

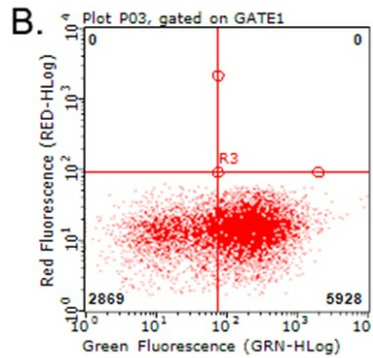
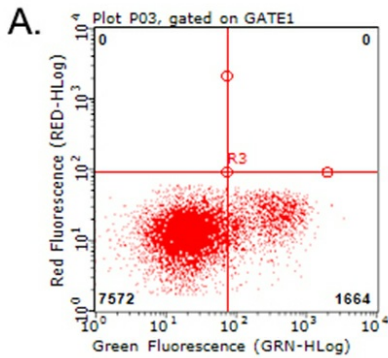
Product images:



Flow cytometric analysis of living 293T cells transfected with ICOS overexpression plasmid ([RC207031], Red)/empty vector ([PS100001], Blue) using anti-ICOS antibody ([TA813299]). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:400).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right)/untreated (Left) using anti-ICOS antibody ([TA813299]) (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h using anti-ICOS antibody ([TA813299]) (Right). Cells incubated with a non-specific antibody (Left) were used as isotype control (1:100).