

## Product datasheet for **TA813217BM**

### ICOS Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI1F8]

#### Product data:

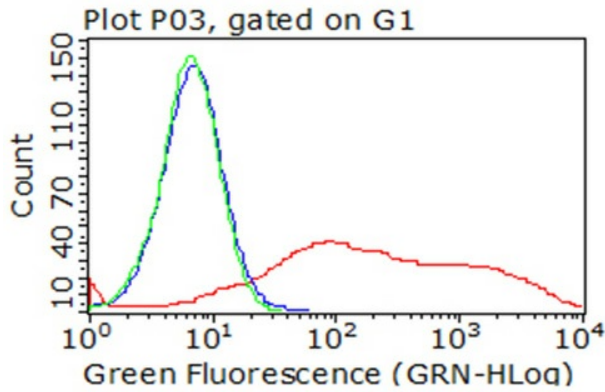
|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI1F8   |
| Applications:           | FC   |
| Recommended Dilution:   | FLOW 1:100~400   |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Full length human recombinant protein of human ICOS (NP_036224) produced in HEK293T cell.  |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.  |
| Concentration:          | 0.5 mg/ml  |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| Conjugation:            | HRP  |
| 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:          | <a href="#">NP_036224</a><br><a href="#">Entrez Gene 29851 Human</a><br><a href="#">Q9Y6W8</a>   |
| 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  |



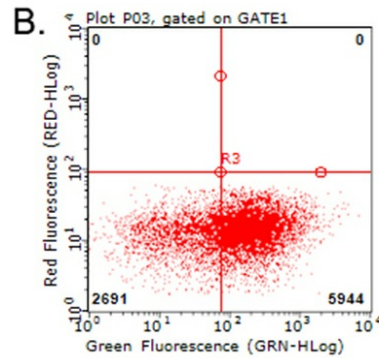
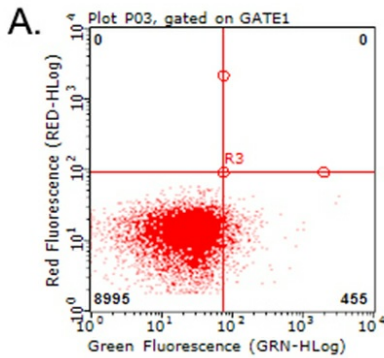
[View online »](#)

Protein Pathways: Cell adhesion molecules (CAMs), Primary immunodeficiency, T cell receptor signaling pathway

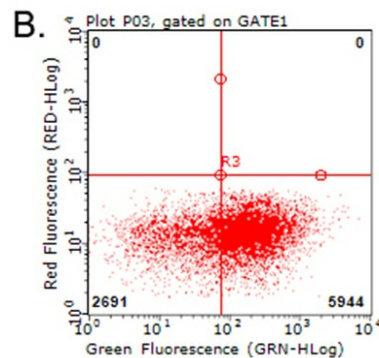
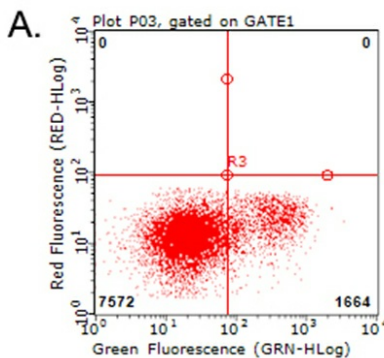
**Product images:**



Flow cytometric analysis of living 293T cells transfected with ICOS overexpression plasmid ([RC207031]), Red/empty vector ([PS100001], Blue) using anti-ICOS antibody ([TA813217]). 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 ([TA813217]) (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h using anti-ICOS antibody ([TA813217]) (Right). Cells incubated with a non-specific antibody (Left) were used as isotype control (1:100).