

Product datasheet for **TA813206BM**

CD70 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI5E9]

Product data:

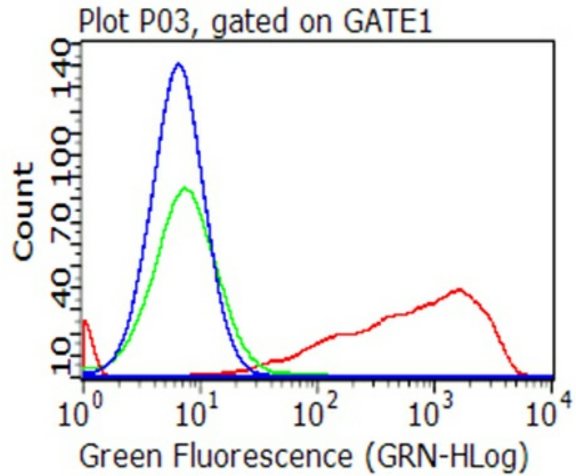
| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5E9 |
| Applications: | FC |
| Recommended Dilution: | FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human CD70 (NP_001243) 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: | 20.9 kDa |
| Gene Name: | CD70 molecule |
| Database Link: | NP_001243 Entrez Gene 970 Human P32970 |
| Background: | Cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells. [UniProtKB/Swiss-Prot Function] |
| Synonyms: | CD27-L; CD27L; CD27LG; LPFS3; TNFSF7; TNLG8A |
| Protein Families: | ES Cell Differentiation/IPS, Transmembrane |



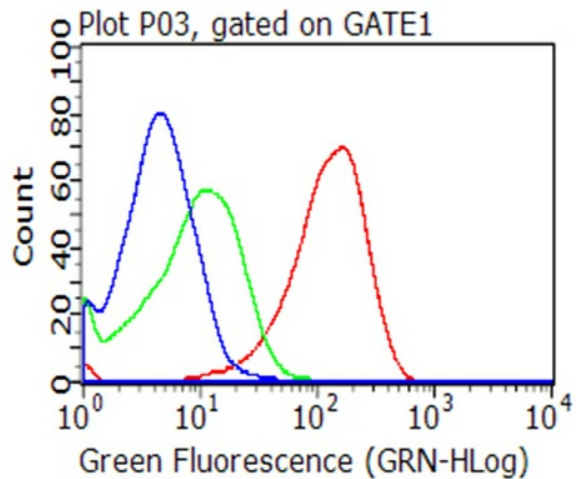
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Protein Pathways: Cytokine-cytokine receptor interaction

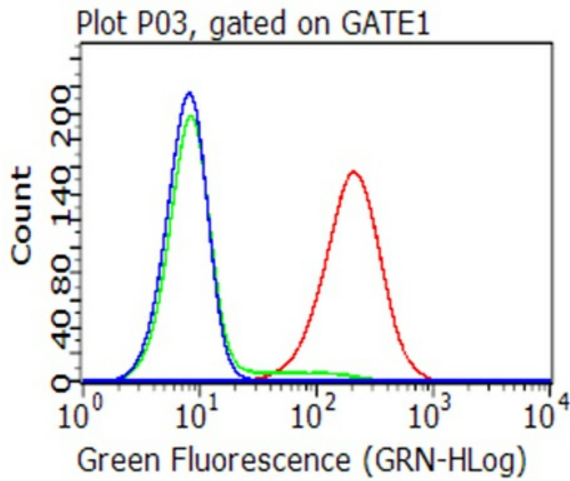
Product images:



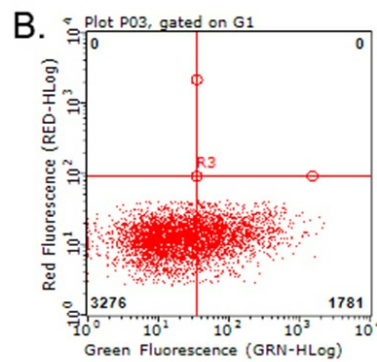
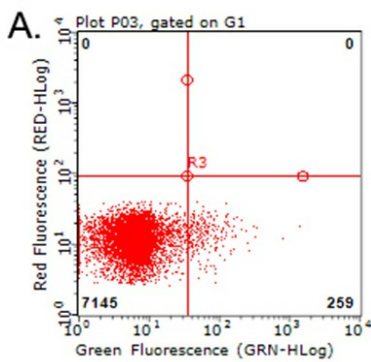
Flow cytometric analysis of living 293T cells transfected with CD70 overexpression plasmid ([RC200410]), Red/empty vector ([PS100001], Blue) using anti-CD70 antibody ([TA813206]). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).



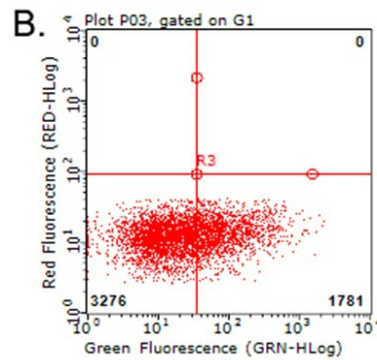
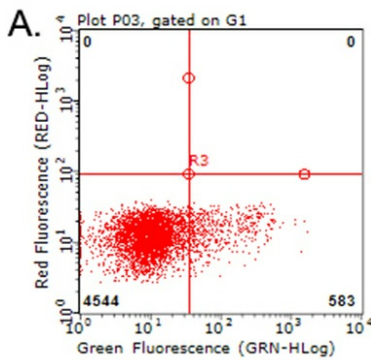
Flow cytometric analysis of living Raji cells, using anti-CD70 antibody ([TA813206], Red), compared to an isotype control (green), and a PBS control (blue) (1:100).



Flow cytometric analysis of living 786-O cells, using anti-CD70 antibody ([TA813206], Red), compared to an isotype control (green), and a PBS control (blue) (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right)/untreated (Left) using anti-CD70 antibody ([TA813206]) (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h using anti-CD70 antibody ([TA813206]) (Right). Cells incubated with a non-specific antibody (Left) were used as isotype control (1:100).