

Product datasheet for **TA801972AM**

CD5 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI12C10]

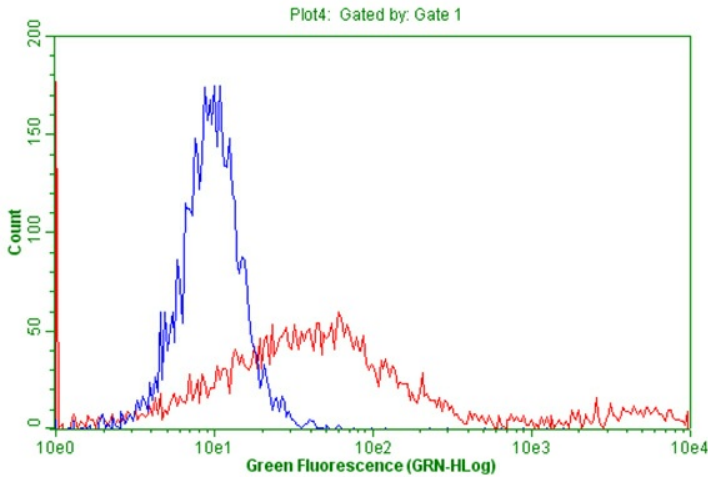
Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI12C10 |
| Applications: | FC |
| Recommended Dilution: | FLOW 1:50 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human CD5 (NP_055022) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 54.4 kDa |
| Gene Name: | CD5 molecule |
| Database Link: | NP_055022 Entrez Gene 921 Human P06127 |
| Synonyms: | LEU1; T1 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Hematopoietic cell lineage |

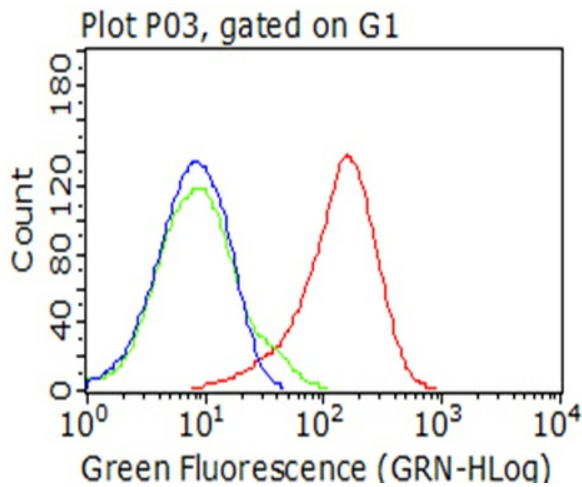


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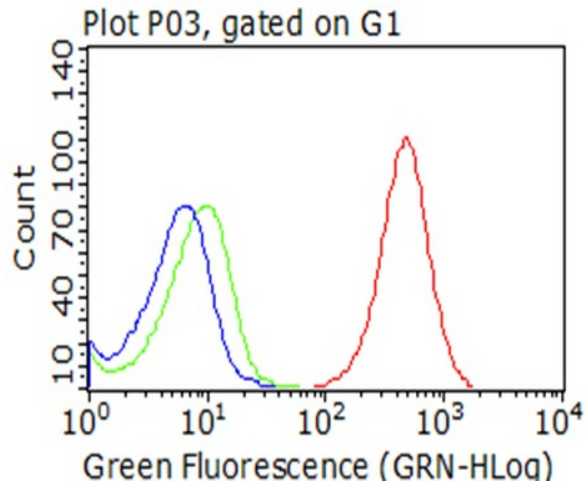
Product images:



HEK293T cells transfected with either [RC206494] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CD5 antibody ([TA801972]), and then living cells were analyzed by flow cytometry (1:50).



Flow cytometric analysis of living 50ng/ml IL2-stimulated Jurkat cells, using anti-CD5 antibody ([TA801972]), (red), compared to an IgG isotype control, (green), and negative control (PBS), (blue) (1:100).



Flow cytometric analysis of living CCRF-CEM cells, using anti-CD5 antibody ([TA801972]), (red), compared to an IgG isotype control, (green), and negative control (PBS), (blue) (1:100).