

Product datasheet for **TA813037AM**

TIGIT Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3A11]

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI3A11 |
| Applications: | FC |
| Recommended Dilution: | FLOW 1:100 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human TIGIT (NP_776160) 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: | 26.1 kDa |
| Gene Name: | T-cell immunoreceptor with Ig and ITIM domains |
| Database Link: | NP_776160 Entrez Gene 201633 Human Q495A1 |
| Background: | This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity; this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses. [provided by RefSeq, Sep 2009] |

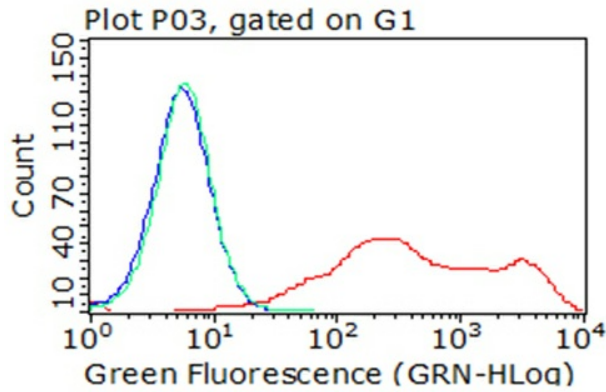


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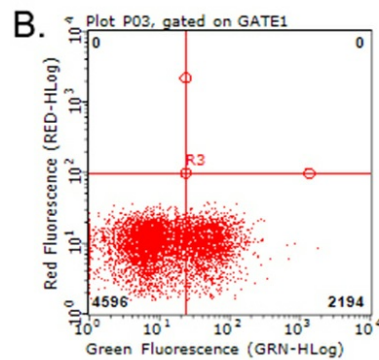
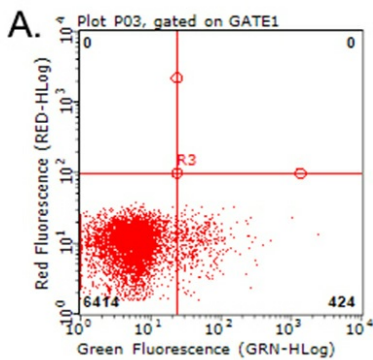
Synonyms: VSIG9; VSTM3; WUCAM

Protein Families: Transmembrane

Product images:



Flow cytometric analysis of living 293T cells transfected with TIGIT overexpression plasmid ([RC221447], Red)/empty vector ([PS100001], Blue) using anti-TIGIT antibody ([TA813037]). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right)/untreated (Left) using anti-TIGIT antibody ([TA813037]) (1:100).