

## Product datasheet for **TA813034**

### TIGIT Mouse Monoclonal Antibody [Clone ID: OTI11E11]

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI11E11  |
| 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:          | 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: | 26.1 kDa  |
| Gene Name:              | T-cell immunoreceptor with Ig and ITIM domains  |
| Database Link:          | <a href="#">NP_776160</a><br><a href="#">Entrez Gene 201633 Human</a><br><a href="#">Q495A1</a>   |
| 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] |

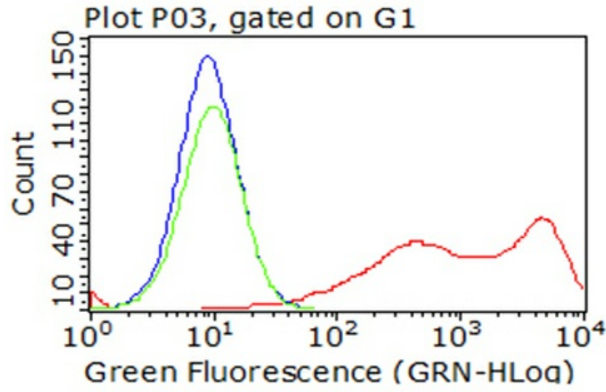


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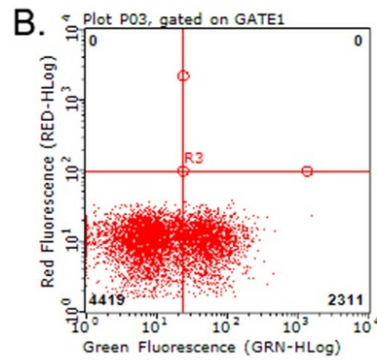
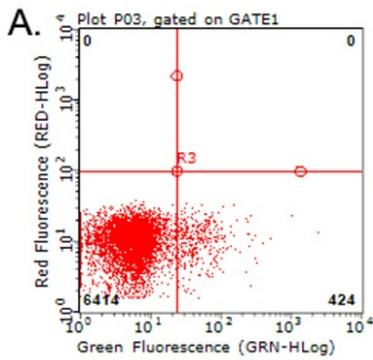
Synonyms: VSIG9; VSTM3; WUCAM

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 (TA813034). 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 (TA813034) (1:100).