

Product datasheet for **TA813032AM**

TIGIT Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI9A12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI9A12
Applications:	FC
Recommended Dilution:	FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
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]

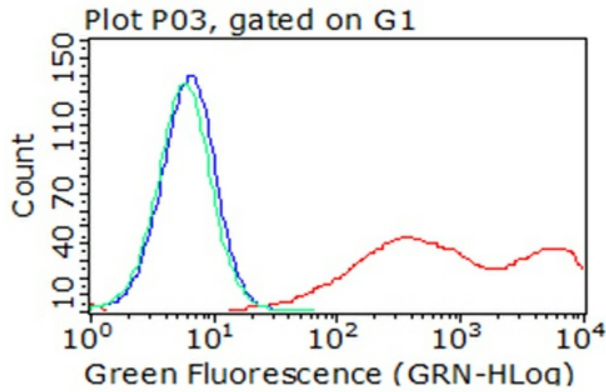


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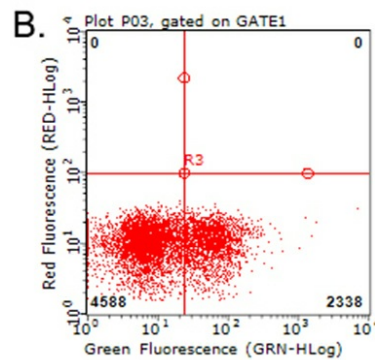
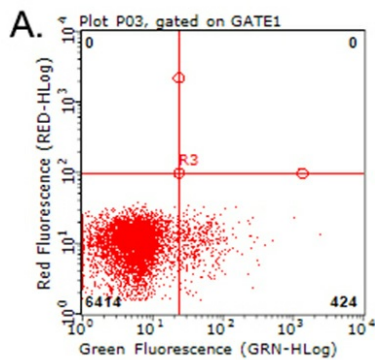
Synonyms: VSIG9; VSTM3; WUCAM

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 ([TA813032]). 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 ([TA813032]) (1:100).