

## Product datasheet for **TA812978AM**

### **TIGIT Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI8G7]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI8G7
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	IHC 1:50
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human TIGIT (NP_776160) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Biotin
<b>Storage:</b>	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	26.3 kDa
<b>Gene Name:</b>	T-cell immunoreceptor with Ig and ITIM domains
<b>Database Link:</b>	<a href="#">NP_776160</a> <a href="#">Entrez Gene 201633 Human</a> <a href="#">Q495A1</a>
<b>Background:</b>	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]

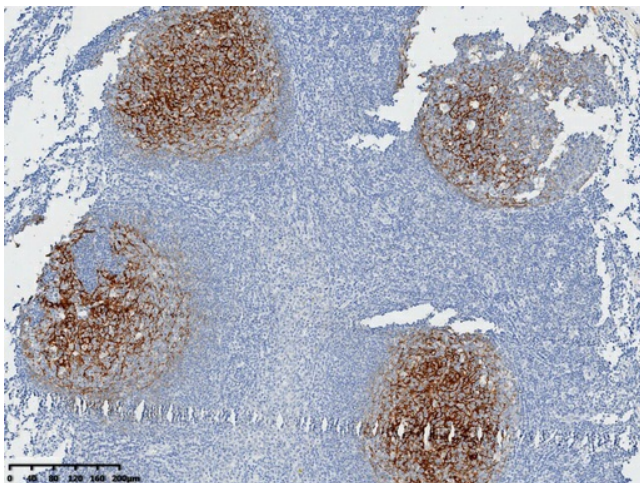


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Synonyms: VSIG9; VSTM3; WUCAM

Protein Families: Transmembrane

### Product images:



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-TIGIT mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [TA812978])