

**TIGIT Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10616b****Specification**

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**TIGIT Antibody (C-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">Q495A1</a>
Other Accession	<a href="#">NP_776160.2</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	205-233

**TIGIT Antibody (C-term) - Additional Information****Gene ID** 201633**Other Names**

T-cell immunoreceptor with Ig and ITIM domains, V-set and immunoglobulin domain-containing protein 9, V-set and transmembrane domain-containing protein 3, TIGIT, VSIG9, VSTM3

**Target/Specificity**

This TIGIT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 205-233 amino acids from the C-terminal region of human TIGIT.

**Dilution**

WB~~1:1000

FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TIGIT Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TIGIT Antibody (C-term) - Protein Information****Name** TIGIT**Synonyms** VSIG9, VSTM3

**Function** Binds with high affinity to the poliovirus receptor (PVR) which causes increased secretion of IL10 and decreased secretion of IL12B and suppresses T-cell activation by promoting the generation of mature immunoregulatory dendritic cells.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

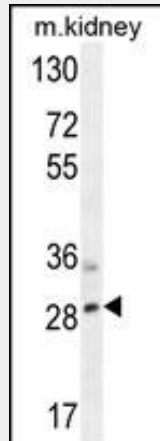
Expressed at low levels on peripheral memory and regulatory CD4+ T-cells and NK cells and is up-regulated following activation of these cells (at protein level)

**TIGIT Antibody (C-term) - Protocols**

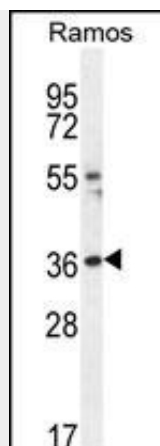
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

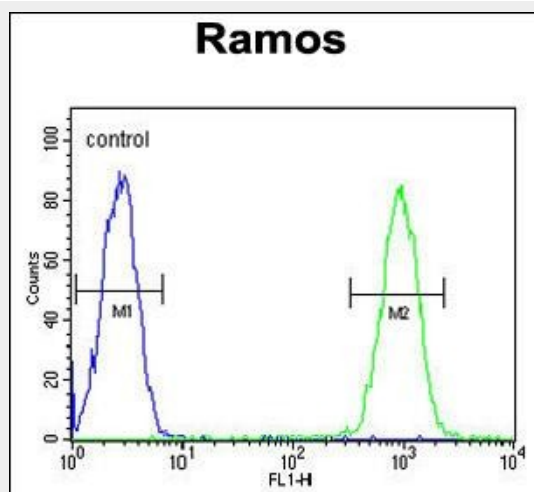
**TIGIT Antibody (C-term) - Images**



TIGIT Antibody (C-term) (Cat. #AP10616b) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the TIGIT antibody detected the TIGIT protein (arrow).



TIGIT Antibody (C-term) (Cat. #AP10616b) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the TIGIT antibody detected the TIGIT protein (arrow).



TIGIT Antibody (C-term) (Cat. #AP10616b) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **TIGIT Antibody (C-term) - Background**

Binds with high affinity to the poliovirus receptor (PVR) which causes increased secretion of IL10 and decreased secretion of IL12B and suppresses T cell activation by promoting the generation of mature immunoregulatory dendritic cells.