10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

TIGIT Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10616b

Specification

TIGIT Antibody (C-term) - Product Information

Application	**WB, FC,E**
Primary Accession	Q495A1
Other Accession	NP_776160.2
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

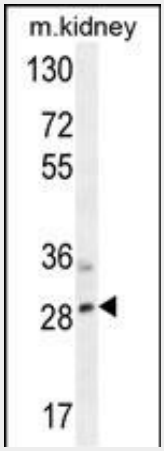
Tissue Location
Expressed at low levels on peripheral memory and regulatory CD4+ T-cells and NK cells and is up-regulated following activation of these cells (at protein level)

TIGIT Antibody (C-term) - Protocols

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

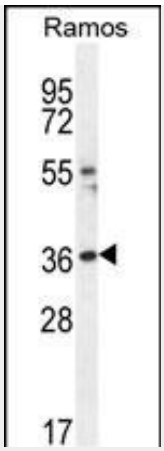
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TIGIT Antibody (C-term) - Images

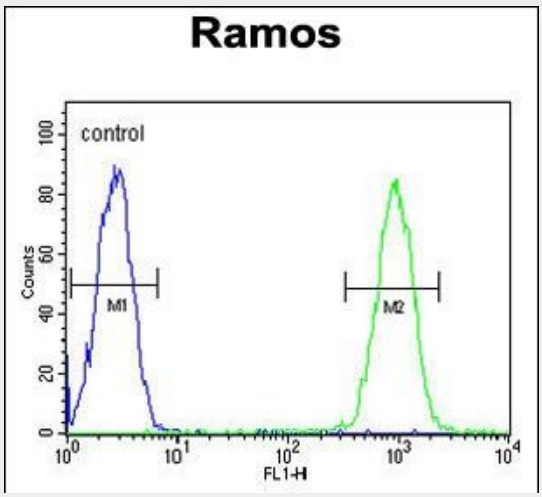


TIGIT Antibody (C-term) (Cat. #AP10616b) western blot analysis in mouse kidney tissue lysates (35ug/lane).This demonstrates the TIGIT antibody detected the TIGIT protein (arrow).

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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.