

Rabbit anti-Human, Mouse TIGIT Polyclonal Antibody | anti-TIGIT antibody

TIGIT Antibody

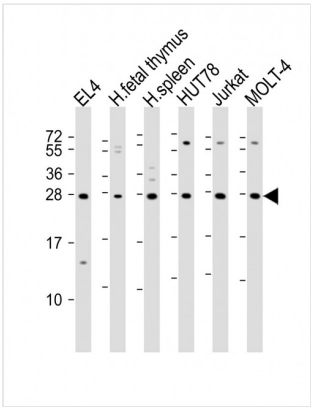
CATALOG # AAA28803	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

TIGIT; Polyclonal Antibody; TIGIT Antibody; T-cell immunoreceptor with Ig and ITIM domains; V-set and immunoglobulin domain-containing protein 9; V-set and transmembrane domain-containing protein 3; VSIG9; VSTM3; anti-TIGIT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This TIGIT antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 12-142 amino acids from human TIGIT.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Length	244
Applicable Applications for anti-TIGIT antibody	WB (Western Blot), ELISA
Application Notes	WB:~1:2000
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
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).
Cellular Location	Cell membrane; Single-pass type I membrane protein.
Preparation and Storage	Maintain refrigerated at 2-8°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
All lanes : Anti-TIGIT Antibody at 1:2000 dilution
Lane 1: EL4 whole cell lysate
Lane 2: human fetal thymus lysate
Lane 3: human spleen lysate
Lane 4: HUT78 whole cell lysate
Lane 5: Jurkat whole cell lysate
Lane 6: MOLT-4 whole cell lysate
Lysates/proteins at 20 ug per lane.
SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 26 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-TIGIT antibody	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.
Product Categories/Family for anti-TIGIT antibody	Primary Antibodies; Immunology
References	Ota T.,et al.Nat. Genet. 36:40-45 (2004). Bechtel S.,et al.BMC Genomics 8:399-399 (2007). Yu X.,et al.Nat. Immunol. 10:48-57 (2009). Stengel K.F.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:5399-5404 (2012).

NCBI AND UNIPROT INFORMATION

NCBI GI #	256600228
NCBI GeneID	201633
NCBI Accession #	NP_776160.2
NCBI GenBank Nucleotide #	NM_173799.3
UniProt Accession #	Q495A1; Q495A3; Q5JPD8; Q6MZS2; Q8N877
Molecular Weight	26319
NCBI Official Full Name	T-cell immunoreceptor with Ig and ITIM domains
NCBI Official Synonym Full Names	T-cell immunoreceptor with Ig and ITIM domains
NCBI Official Symbol	TIGIT
NCBI Official Synonym Symbols	VSIG9; VSTM3; WUCAM
NCBI Protein Information	T-cell immunoreceptor with Ig and ITIM domains
UniProt Protein Name	T-cell immunoreceptor with Ig and ITIM domains
UniProt Gene Name	TIGIT
UniProt Synonym Gene Names	VSIG9; VSTM3
UniProt Entry Name	TIGIT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tigit-antibody-western-blot-elisa/28803>