

Mouse anti-Human TIGIT Monoclonal Antibody | anti-TIGIT antibody

TIGIT Mouse anti-Human Monoclonal (3B5) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21343	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Immunofluorescence, Immunohistochemistry

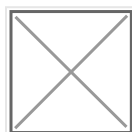
PRODUCT SYNONYMS

TIGIT; Monoclonal Antibody; TIGIT Mouse anti-Human Monoclonal (3B5) Antibody; IHC-plus TIGIT Antibody (clone 3B5); VSTM3; WUCAM; VSIG9; anti-TIGIT antibody

PRODUCT SPECIFICATIONS

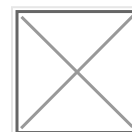
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3B5
Purity/Purification	Protein A purified
Form/Format	PBS, 0.02% Sodium Azide, 50% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TIGIT antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	IHC-P: 10ug/ml TIGIT antibody can be used for immunohistochemistry starting at 2ug/mL. For immunofluorescence start at 1ug/mL. For flow cytometry at 1ug/ml. For immunocytochemistry at 1ug/mL. Antibody validated: Immunohistochemistry in human samples; Immunocytochemistry in human samples; Immunofluorescence in human samples and Flow Cytometry in human samples. All other applications and species not yet tested. Western Blot: Predicted: 26 kDa Observed: 47 kDa
Target	Human TIGIT
Immunogen	The extracellular domain of human TIGIT
Conjugation	Unconjugated
Family	New
Preparation and Storage	Store at 4 degree C for up 3 months. Store at -20 degree C for up to 1 year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

TIGIT Antibody-Immunocytochemistry of TIGIT in over expressing HEK293 cells using TIGIT antibody and control mouse IgG antibody (left corner box) at 1 ug/ml.



IHC (Immunohistochemistry)

TIGIT Antibody-Immunohistochemistry of TIGIT in human stomach carcinoma tissue using TIGIT Antibody and control mouse IgG (corner box) at 2 ug/ml.

**IHC (Immunohistochemistry)**

TIGIT Antibody-Human Small Intestine, MALT: Formalin-Fixed, Paraffin-Embedded (FFPE) at 10 ug/ml.

**ICC (Immunocytochemistry)**

TIGIT Antibody-Immunofluorescence of TIGIT in human stomach carcinoma tissue using TIGIT Antibody at 5 ug/ml. Green: TIGIT Antibody [3B5] Blue: DAPI staining

**ICC (Immunocytochemistry)**

TIGIT Antibody-Immunofluorescence of TIGIT in over expressing HEK293 cells using TIGIT Antibody at 1 ug/ml. Green: TIGIT Antibody [3B5] Blue: DAPI staining

**FCM (Flow Cytometry)**

TIGIT Antibody-Flow cytometry analysis of TIGIT over expressing HEK293 cells using TIGIT antibody at 1 ug/ml. Blue: untransfected HEK293 cells. Yellow: TIGIT over expressing HEK293 cells.

ADDITIONAL INFORMATION

Related Product Information for anti-TIGIT antibody

TIGIT antibody is an unconjugated mouse monoclonal antibody to human TIGIT. Validated for ELISA, Flow, ICC, IF and IHC. Tested on 20 paraffin-embedded human tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	121943253
NCBI GeneID	201633
UniProt Accession #	Q495A1 ; Q495A3 ; Q5JPD8 ; Q6MZS2 ; Q8N877
Molecular Weight	18,432 Da
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

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tigit-antibody-clone-3b5-flow-cytometry-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/21343>