

TIGIT recombinant antibody

Anti-TIGIT Reference Antibody (tiragolumab)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA296768	CHO Cell	Human, Cynomolgus, Rabbit	Functional Assay, Flow Cytometry, Functional Assay, ELISA

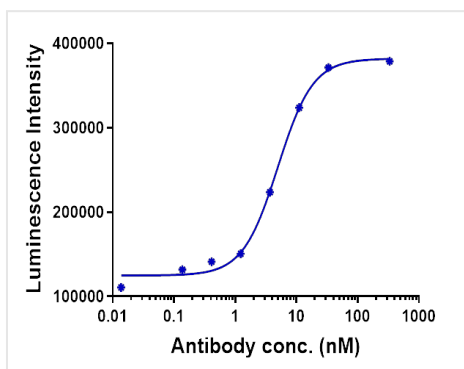
PRODUCT SYNONYMS

TIGIT; Monoclonal Recombinant Antibody; Anti-TIGIT Reference Antibody (tiragolumab); TIGIT recombinant antibody

PRODUCT SPECIFICATIONS

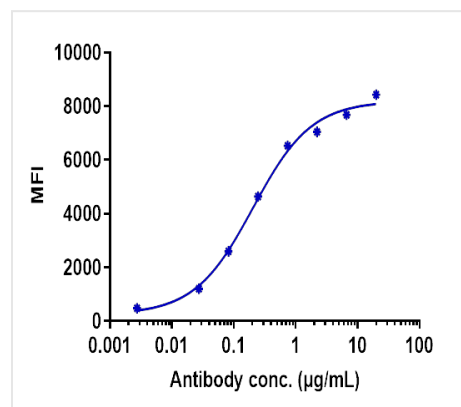
Host	CHO Cell
Reactivity	Human, Cynomolgus, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Specificity	TIGIT
Form/Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.
Concentration	1mg/ml (varies by lot)
Applicable Applications for TIGIT recombinant antibody	FA (Functional Assay), FCM/FACS (Flow Cytometry), ELISA
Endotoxin	< 0.001EU/ug, determined by LAL method.
Conjugation	Unconjugated
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -80 degree C for 2 years under sterile conditions; -20 degree C for 1 year under sterile conditions; Avoid repeated freeze-thaw cycles.

IMAGES



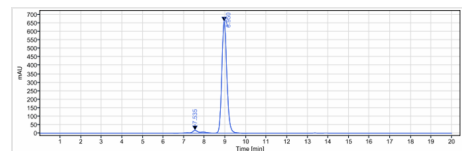
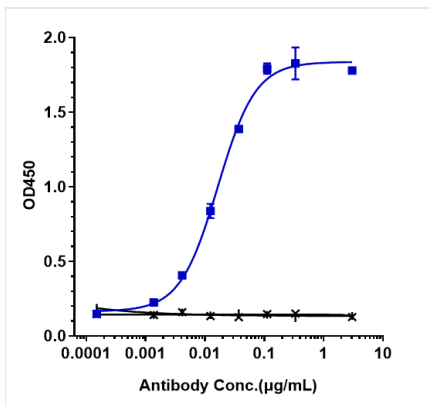
Application Data

Anti-TIGIT Reference Antibody (tiragolumab)-induced TIGIT Luciferase activity was evaluated using hu-TIGIT-CD226-NFAT-Jurkat, Reporter Cell. The EC50 was approximately 4.978nM.



FCM/FACS (Flow Cytometry)

Human TIGIT HEK293 cells were stained with Anti-TIGIT Reference Antibody (tiragolumab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC111=0.2053 ug/mL

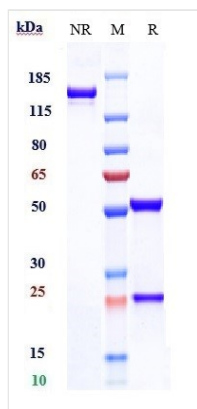


Application Data

The purity of Anti-TIGIT Reference Antibody (tiragolumab) is more than 95.79% ,determined by SEC-HPLC.

Application Data

Immobilized human TIGIT His at 2 ug/mL can bind Anti-TIGIT Reference Antibody (tiragolumab), EC50=0.01643ug/mL



SDS-PAGE

Anti-TIGIT Reference Antibody (tiragolumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%

ADDITIONAL INFORMATION

Product Categories/Family for TIGIT recombinant antibody

Primary Antibodies

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-recombinant-antibody-functional-assay-flow-cytometry-elisa/296768>