

Datasheet for ABIN7072547

Recombinant anti-TIGIT antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	TIGIT
Reactivity:	Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This TIGIT antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Blocking Peptide (BP)

Product Details

Immunogen:	This antibody was raised by immunising TIGIT ^{-/-} mice with recombinant murine TIGIT tetramers.
Clone:	1B4
Isotype:	IgG lambda
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG1
Purification:	Purified antibody.

Target Details

Target:	TIGIT
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Target Details

Alternative Name:	TIGIT (TIGIT Products)
Background:	VSTM3, T cell Ig and ITIM domain, T cell immunoreceptor with Ig and ITIM domains, V-set and transmembrane domain-containing protein 3, WUCAM
UniProt:	P86176
Pathways:	Cancer Immune Checkpoints

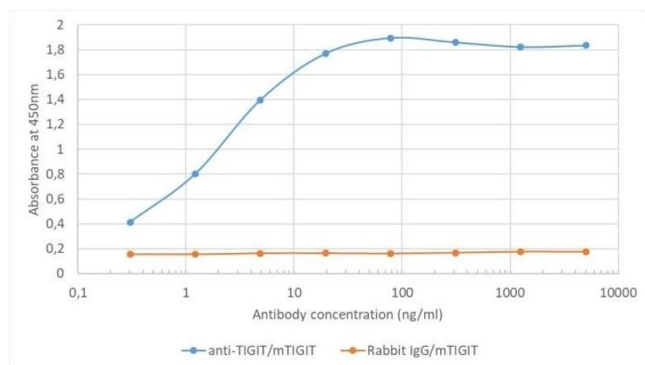
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

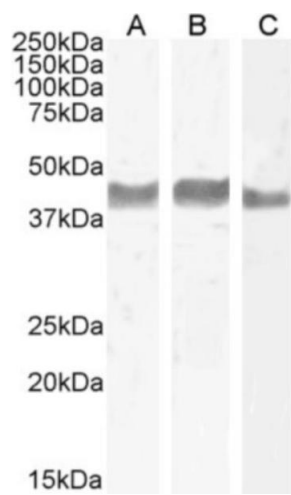
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Images



ELISA

Image 1. Binding curve of anti-TIGIT antibody 1B4 (ABIN7072547) to recombinant mouse TIGIT Fc-Fusion Protein. ELISA Plate coated with recombinant mouse recombinant mouse TIGIT Fc-Fusion Protein at a concentration of 2 µg/mL. A 4-fold serial dilution from 5,000 ng/mL was performed using ABIN7072547. For detection, a 1:4000 dilution of HRP-labelled anti-rabbit antibody was used.



Western Blotting

Image 2. Western Blot using anti-TIGIT antibody 1B4. RAW-264.7 cells (A), mouse spleen (B) and mouse thymus (C) lysates (35 µg protein in RIPA buffer) were resolved on a 10 % SDS PAGE gel and blots probed with the chimeric rabbit IgG version of 1B4 (ABIN7072547) at 0.3 µg/mL before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.