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Datasheet for ABIN7193227
anti-TIGIT antibody (AA 22-141)

4 Images

Overview

Quantity:	0.1 mg
Target:	TIGIT
Binding Specificity:	AA 22-141
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIGIT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human TIGIT (AA: extra 22-141) expressed in E. coli.
Clone:	4C5B9
Isotype:	IgG1
Purification:	purified

Target Details

Target:	TIGIT
Alternative Name:	TIGIT (TIGIT Products)
Background:	Description: This gene encodes a member of the PVR (poliovirus receptor) family of

Target Details

immunoglobulin proteins. The product of this gene is expressed on several classes of T cells including follicular B helper T cells (TFH). The protein has been shown to bind PVR with high affinity, this binding is thought to assist interactions between TFH and dendritic cells to regulate T cell dependent B cell responses.

Aliases: VSIG9, VSTM3, WUCAM

Molecular Weight: 26.3 kDa

Gene ID: 201633

Pathways: [Cancer Immune Checkpoints](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

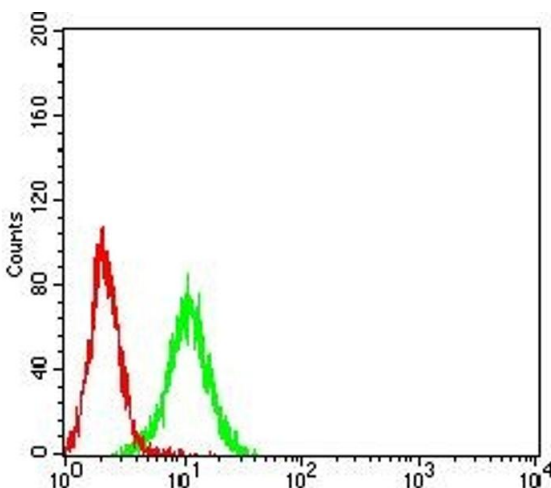
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

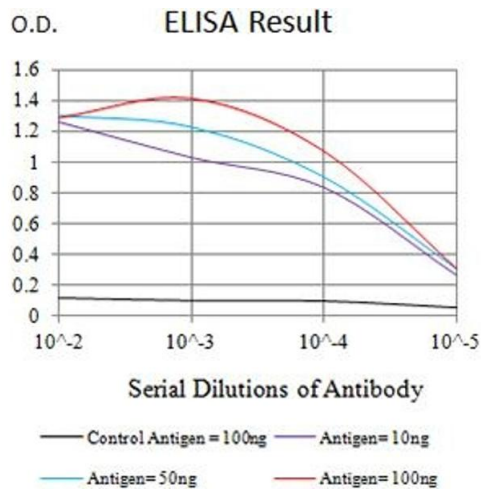
Storage Comment: 4°C, -20°C for long term storage

Images



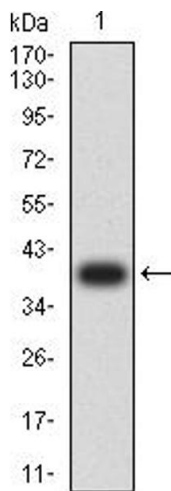
Flow Cytometry

Image 1. Flow cytometric analysis of K562 cells using TIGIT mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using TIGIT mAb against human TIGIT (AA: extra 22-141) recombinant protein. (Expected MW is 39 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193227.