

Datasheet for ABIN2658413  
**anti-TIGIT antibody (APC)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	TIGIT
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TIGIT antibody is conjugated to APC
Application:	ELISA (Detection), ELISpot (Detection) (ELISPOT (Detection))

## Product Details

Clone:	1G9
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

## Target Details

Target:	TIGIT
Alternative Name:	TIGIT ( <a href="#">TIGIT Products</a> )
Background:	T cell immunoreceptor with Ig and ITIM domains (TIGIT), also known as V-set and transmembrane domain-containing protein 3 (Vstm3), is a 26 kD, type I transmembrane protein and member of the CD28 family. TIGIT is expressed on activated T cells, follicular T helper, memory, and regulatory T cells as well as on NK cells. Its ligands are PVR, PVRL2, PVRL3,

## Target Details

CD155, and CD112. TIGIT is a negative regulator of NK and T cell activation. Engagement of TIGIT by dendritic cells results in their differentiation into a tolerogenic phenotype, with an increased secretion of IL-10 and a diminished production of IL-12. Mice deficient for TIGIT are more susceptible to autoimmune disease.

Pathways: [Cancer Immune Checkpoints](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

Preservative: Sodium azide

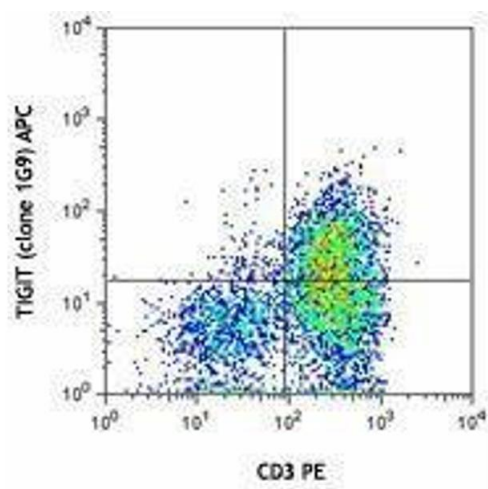
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

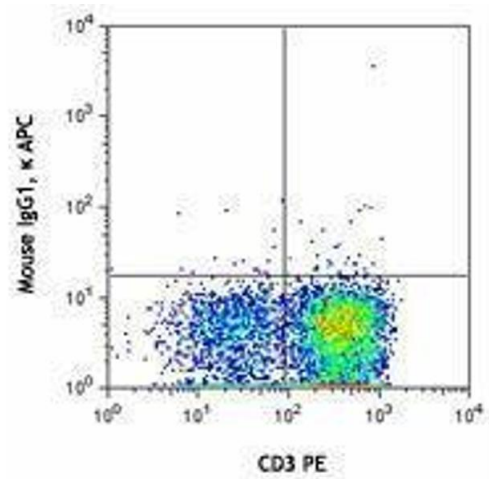
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

## Images



### Flow Cytometry

Image 1.



## Flow Cytometry

Image 2.