

## Anti-TIGIT Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 26 kDa. Actual: 35 kDa.
Purification:	Protein A purified

## Applications

1. Measured by its binding ability in a indirect ELISA. Immobilized Human TIGIT protein, His Tag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human TIGIT Antibody, the EC50 is 1070 ng/mL.
2. Measured by its binding ability in a indirect ELISA. Immobilized Human TIGIT protein, HisTag at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Human TIGIT Antibody, the EC50 is 152.5 ng/mL.
3. Sample:

Verified Activity:	Lane 1: Mouse Thymus tissue lysates Lane 2: Rat Lymph node tissue lysates Primary: Anti-TIGIT (TMAB-13542) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 26 kDa Observed band size: 35 kDa
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Application: WB,ELISA

Recommended WB: 1:500-2000; ELISA: 1:5000-10000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: human TIGIT protein
Antigen Species:	Human
Gene ID:	201633
Uniprot ID:	Q495A1

## Research Background

This gene encodes a member of the PVR (poliovirus receptor) family of 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.[provided by RefSeq, Sep 2009]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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