

Datasheet for ABIN2790450
anti-TIGIT antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | TIGIT |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TIGIT antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|--|
| Immunogen: | The immunogen is a synthetic peptide directed towards the C-terminal region of Human TIGIT |
| Sequence: | ALRIHSVEGD LRRKSAGQEE WSPSAPSPPG SCVQAEAAPA GLCGEQRGED |
| Predicted Reactivity: | Human: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against TIGIT. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | TIGIT |
| Alternative Name: | TIGIT (TIGIT Products) |
| Background: | This gene encodes a member of the PVR (poliovirus receptor) family of immunoglobulin proteins. |

Target Details

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.

Alias Symbols: DKFZp667A205, FLJ39873, VSIG9, VSTM3, WUCAM

Protein Interaction Partner: PVRL4, PVRL3, PVRL2, PVR,

Protein Size: 244

Molecular Weight: 26 kDa

Gene ID: 201633

NCBI Accession: [NM_173799](#), [NP_776160](#)

UniProt: [Q495A1](#)

Pathways: [Cancer Immune Checkpoints](#)

Application Details

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

Comment: Antigen size: 244 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

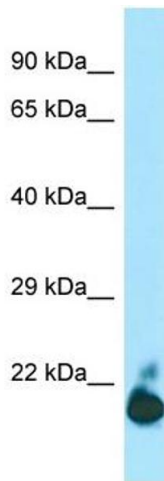
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

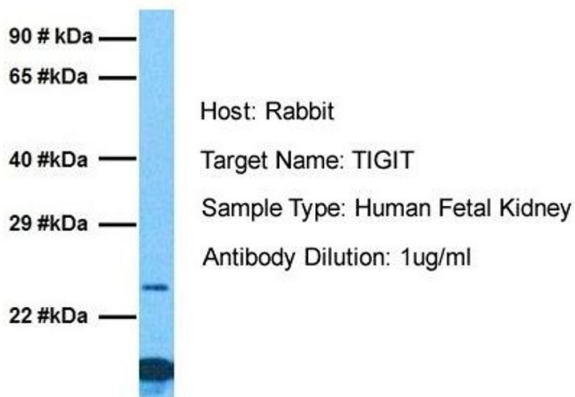
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-TIGIT Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell

TIGIT



Western Blotting

Image 2. Host: Rabbit Target Name: TIGIT Sample Tissue: Human Fetal Kidney Antibody Dilution: 1.0ug/ml