

# Anti-TIGIT antibody [EPR26037-152] (BSA and Azide free) ab300074

リコンビナント RabMAb

画像数 5

### 製品の概要

製品名	Anti-TIGIT antibody [EPR26037-152] (BSA and Azide free)
製品の詳細	Rabbit monoclonal [EPR26037-152] to TIGIT - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P <b>適用なし:</b> Flow Cyt, ICC/IF, IP or WB
種交差性	<b>交差種:</b> Mouse, Rat <b>非交差種:</b> Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab300074 is a carrier free version of <a href="#">ab300073</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	pH: 7.2 Constituent: 100% PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR26037-152
アイソタイプ	IgG

## アプリケーション

**The Abpromise guarantee** **Abpromise保証は、次のテスト済みアプリケーションにおけるab300074の使用に適用されず**  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

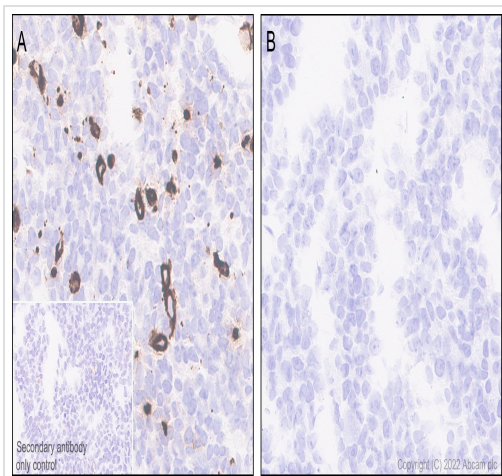
アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

**追加情報** Is unsuitable for Flow Cyt, ICC/IF, IP or WB.

## ターゲット情報

機能	Binds with high affinity to the poliovirus receptor (PVR) which causes increased secretion of IL10 and decreased secretion of IL12B and suppresses T cell activation by promoting the generation of mature immunoregulatory dendritic cells.
組織特異性	Expressed at low levels on peripheral memory and regulatory CD4+ T cells and NK cells and is up-regulated following activation of these cells (at protein level).
配列類似性	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
ドメイン	Contains 1 copy of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.
細胞内局在	Cell membrane.

## 画像



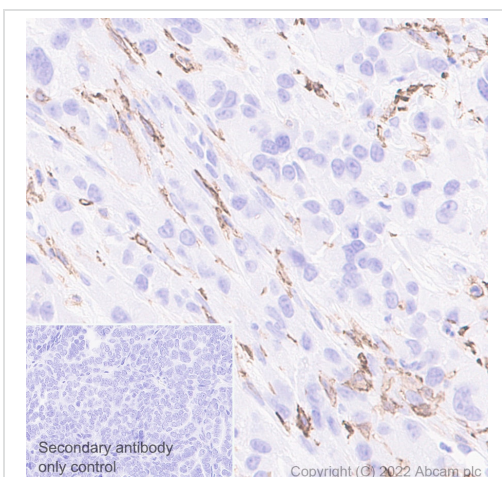
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIGIT antibody [EPR26037-152] (BSA and Azide free) (AB300074)

This data was developed using **ab300073**, the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded HEK-293T cells transfected tissue, labelling TIGIT with **ab300073** at 1/500 (1.064 µg/ml) followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP polymer). Positive staining on HEK-293T cells transfected with a mouse TIGIT expression vector containing a myc-His tag (image A). No staining on 293T transfected with an empty vector (image B). The section was incubated with **ab300073** at 4°C overnight. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP polymer).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins



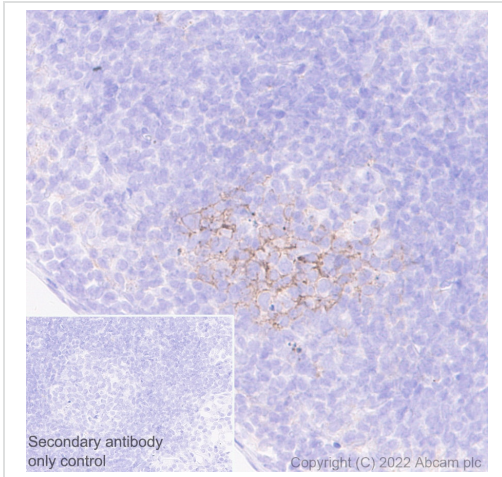
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Immunohistochemical analysis of paraffin-embedded Mouse pancreas cancer tissue labelling TIGIT with **ab300073** at 1/500 (1.064 µg/ml) followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP polymer). Positive staining on mouse pancreas cancer. The section was incubated with **ab300073** at 4°C overnight. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP polymer).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins



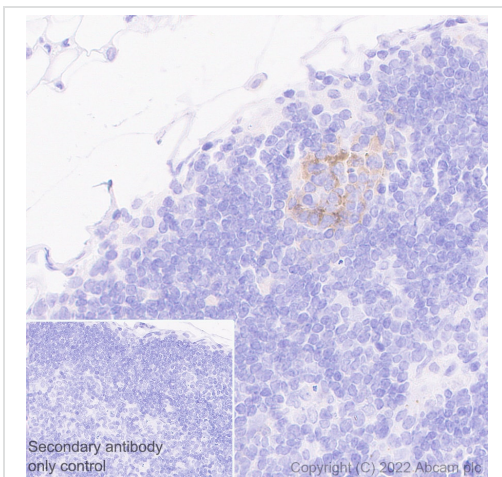
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This data was developed using **ab300073**, the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Rat lymph node tissue labelling TIGIT with **ab300073** at 1/500 (1.064 µg/ml) followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP polymer). Positive staining on rat lymph node. The section was incubated with **ab300073** at 4°C overnight. Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP polymer).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TIGIT antibody [EPR26037-152] (BSA and Azide free) (AB300074)

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Immunohistochemical analysis of paraffin-embedded Mouse lymph node tissue labelling TIGIT with **ab300073** at 1/500 (1.064 µg/ml) followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP polymer). Positive staining on mouse lymph node. The section was incubated with **ab300073** at 4°C overnight. Counterstained with Hematoxylin.

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### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-TIGIT antibody [EPR26037-152] (BSA and Azide free) (AB300074)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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