

# Anti-GNLY/Granulysin antibody [EPR22110-101] ab241333

リコンビナント **RabMAb**

## 1 References 画像数 5

### 製品の概要

製品名	Anti-GNLY/Granulysin antibody [EPR22110-101]
製品の詳細	Rabbit monoclonal [EPR22110-101] to GNLY/Granulysin
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB, ICC/IF
種交差性	<b>交差種:</b> Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: His-tagged human GNLY/Granulysin recombinant protein IHC-P: Human endometrium and spleen tissue. ICC/IF: Human PBMC cells.
特記事項	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR22110-101
アイソタイプ	IgG

## アプリケーション

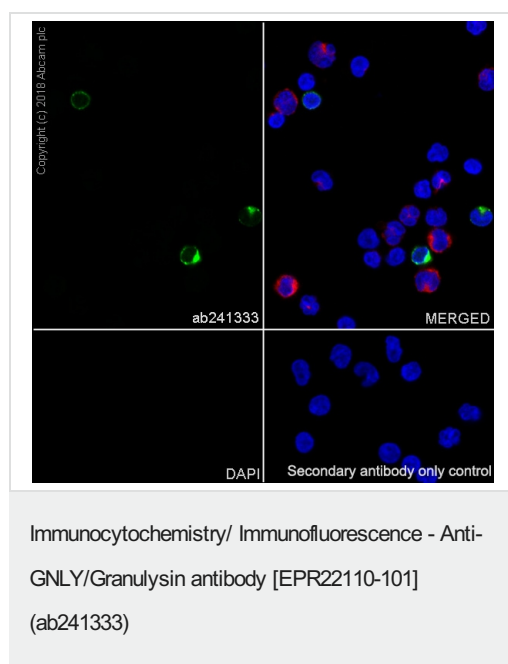
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab241333の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/4000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10mins.
WB		1/1000. Predicted molecular weight: 16 kDa.
ICC/IF		1/250.

## ターゲット情報

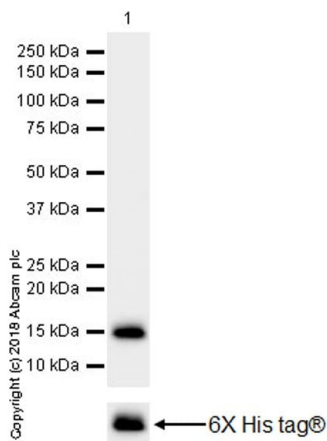
機能	Antimicrobial protein that kills intracellular pathogens. Active against a broad range of microbes, including Gram-positive and Gram-negative bacteria, fungi, and parasites. Kills Mycobacterium tuberculosis.
組織特異性	Expressed in natural killer and T-cells.
配列類似性	Contains 1 saposin B-type domain.
翻訳後修飾	A 9 kDa form is produced by proteolytic processing of a 15 kDa protein.
細胞内局在	Secreted. Located in the cytotoxic granules of T-cells, which are released upon antigen stimulation.

## 画像



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized PBMC (human peripheral blood mononuclear cell) cells labeling GNLY/Granulysin with ab241333 at 1/250 dilution, followed by AlexaFluor®488 Goat anti-Rabbit secondary antibody (**ab150077**) (Green) at 1/1000 dilution.

Confocal image showing cytoplasmic staining in a part of human PBMC. The nuclear counterstain was DAPI (Blue). Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) (**ab195889**) was used as a counterstain (Red).



Western blot - Anti-GNLY/Granulysin antibody  
[EPR22110-101] (ab241333)

Anti-GNLY/Granulysin antibody [EPR22110-101] (ab241333) at  
1/1000 dilution + His-tagged human GNLY/Granulysin recombinant  
protein (aa23-145) 10 ng

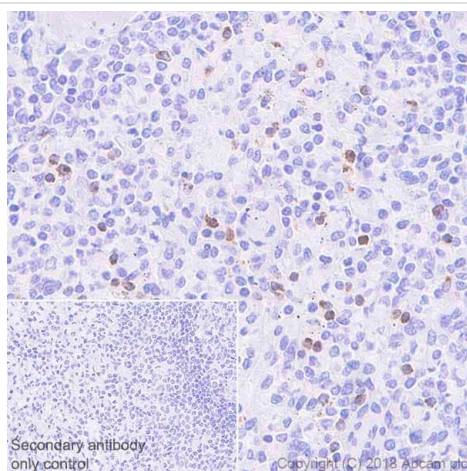
### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 16 kDa

Blocking/Diluting buffer and concentration: 5% NFDm/TBST

Exposure time: 15 seconds

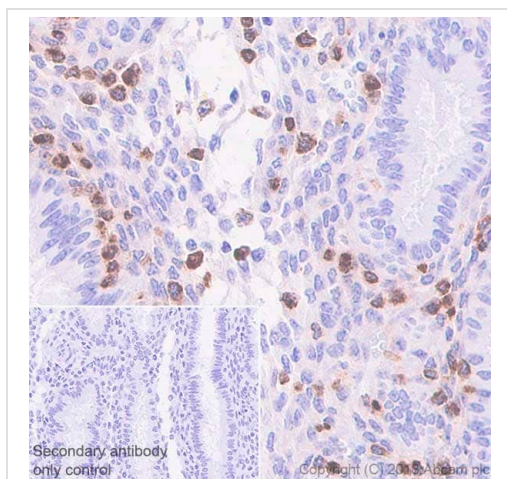


Immunohistochemistry (Formalin/PFA-fixed paraffin-  
embedded sections) - Anti-GNLY/Granulysin  
antibody [EPR22110-101] (ab241333)

Immunohistochemical analysis of paraffin-embedded human spleen  
tissue labeling GNLY/Granulysin with ab241333 at 1/4000 dilution,  
followed by a ready to use Goat anti-Rabbit IgG H&L (HRP). The  
section was incubated with ab for 30 mins at 37°C. Sporadic  
staining on human spleen (PMID: 30151671) is observed,  
performed on a Leica Biosystems BOND® RX instrument.  
Counterstained with hematoxylin.

**Secondary antibody only control:** Used PBS instead of primary  
antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP)  
ready to use.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0,  
epitope retrieval solution 2) for 10 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GNLY/Granulysin antibody [EPR22110-101] (ab241333)

Immunohistochemical analysis of paraffin-embedded human endometrium tissue labeling GNLY/Granulysin with ab241333 at 1/4000 dilution, followed by a ready to use Goat anti-Rabbit IgG H&L (HRP). The section was incubated with ab for 30 mins at 37°C. Positive staining on lymphocytes of human endometrium (PMID: 26488136) is observed, performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin.

**Secondary antibody only control:** Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10 mins.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-GNLY/Granulysin antibody [EPR22110-101] (ab241333)

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

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