

# Anti-Galectin 7 antibody [EPR4287] ab108623

リコンビナント RabMAb

## 6 References [画像数 6](#)

### 製品の概要

製品名	Anti-Galectin 7 antibody [EPR4287]
製品の詳細	Rabbit monoclonal [EPR4287] to Galectin 7
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IP, IHC-P, ICC/IF, Flow Cyt (Intra)
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	IP: HaCaT whole cell lysate. ICC/IF: HaCaT cells; Flow Cyt (intra): HaCaT; WB: Human skin lysate, IHC: Human tonsil tissue.
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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4287

## アプリケーション

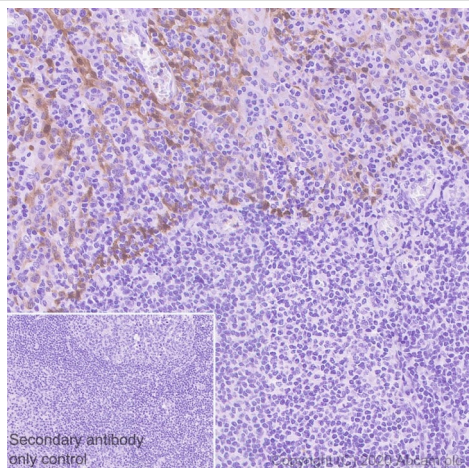
**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab108623の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 15 kDa (predicted molecular weight: 15 kDa).
IP		1/10 - 1/100.
IHC-P		1/1500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/1000.
Flow Cyt (Intra)		1/50.

## ターゲット情報

機能	Could be involved in cell-cell and/or cell-matrix interactions necessary for normal growth control. Pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release.
組織特異性	Mainly expressed in stratified squamous epithelium.
配列類似性	Contains 1 galectin domain.
細胞内局在	Cytoplasm. Nucleus. Secreted. May be secreted by a non-classical secretory pathway.

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Galectin 7 antibody [EPR4287] (ab108623)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue sections labeling Galectin 7 with purified ab108623 at 1/1500 dilution (0.35 µg/mL). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0). The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



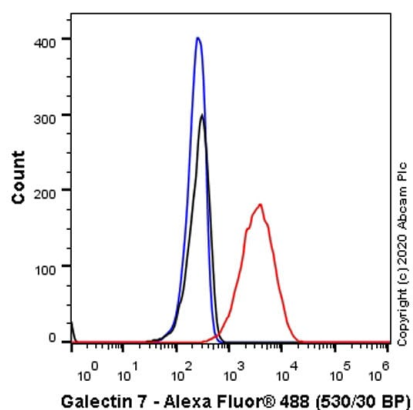
Western blot - Anti-Galectin 7 antibody [EPR4287] (ab108623)

Anti-Galectin 7 antibody [EPR4287] (ab108623) at 1/1000 dilution (Purified) + Human skin lysate

**Secondary**

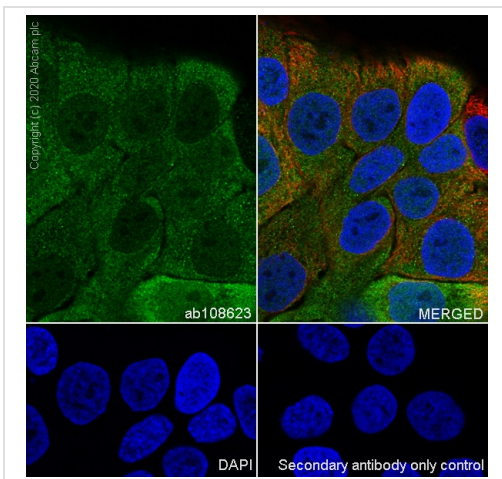
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 15 kDa



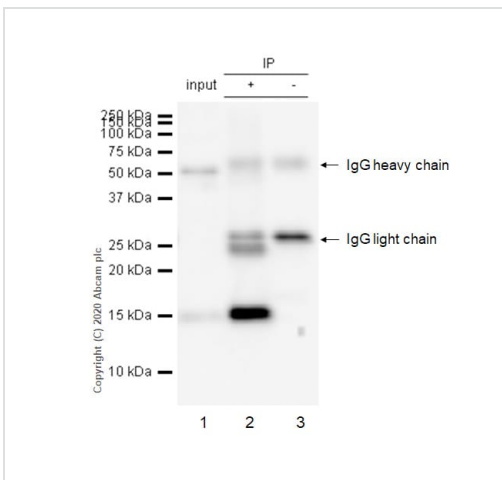
Flow Cytometry (Intracellular) - Anti-Galectin 7 antibody [EPR4287] (ab108623)

Intracellular Flow Cytometry analysis of HaCaT (Human skin keratinocyte) cells labeling Galectin 7 with Purified ab108623 at 1/50 dilution (10 µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Immunocytochemistry/ Immunofluorescence - Anti-Galectin 7 antibody [EPR4287] (ab108623)

Immunocytochemistry analysis of HaCaT (Human skin keratinocyte) cells labeling Galectin 7 with Purified ab108623 at 1:1000 dilution (0.5 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Immunoprecipitation - Anti-Galectin 7 antibody [EPR4287] (ab108623)

Purified ab108623 at 1/50 dilution (2µg) immunoprecipitating Galectin 7 in HaCaT whole cell lysate.  
 Lane 1 (input): HaCaT (Human skin keratinocyte) whole cell lysate 10µg  
 Lane 2 (+): ab108623 + HaCaT whole cell lysate.  
 Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab108623 in HaCaT whole cell lysate.  
 VeriBlot for IP Detection Reagent (HRP) (**ab131366**) (1/1000 dilution) was used for Western blotting.  
 Blocking Buffer and concentration: 5% NFDm/TBST.  
 Diluting buffer and concentration: 5% NFDm/TBST.  
 Observed band size: 15 kDa

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-Galectin 7 antibody [EPR4287] (ab108623)

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

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