

# Anti-Galectin 7 antibody [EPR4287] ab108623

**重组 RabMAb**

## 6 References 6 图像

### 概述

产品名称	Anti-Galectin 7抗体[EPR4287]
描述	兔单克隆抗体[EPR4287] to Galectin 7
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IP, IHC-P, ICC/IF, Flow Cyt (Intra)
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IP: HaCaT whole cell lysate. ICC/IF: HaCaT cells; Flow Cyt (intra): HaCaT; WB: Human skin lysate, IHC: Human tonsil tissue.
常规说明	<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>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR4287

## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用 ab108623 于以下的经测试应用

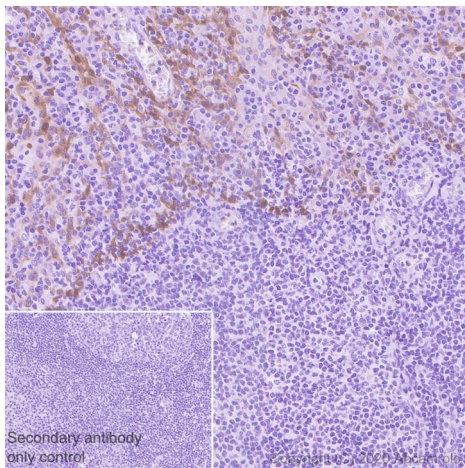
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

## 靶标

<b>功能</b>	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.
<b>组织特异性</b>	Mainly expressed in stratified squamous epithelium.
<b>序列相似性</b>	Contains 1 galectin domain.
<b>细胞定位</b>	Cytoplasm. Nucleus. Secreted. May be secreted by a non-classical secretory pathway.

## 图片



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.



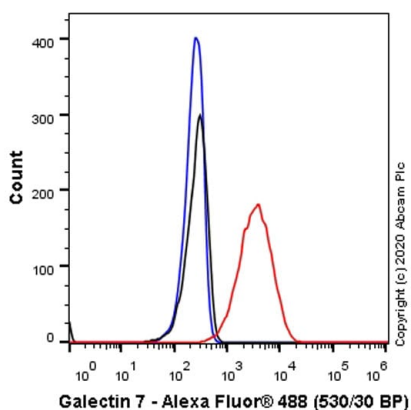
Western blot - Anti-Galectin 7 antibody [EPR4287] (ab108623)

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

### Secondary

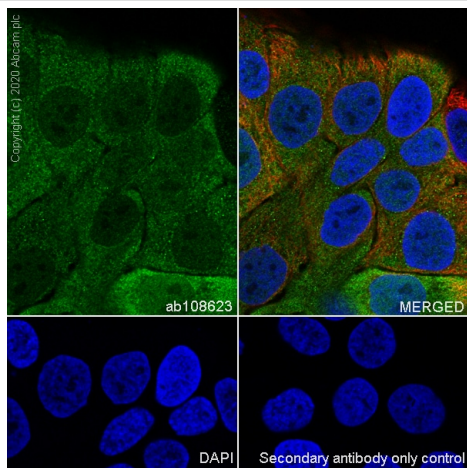
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 15 kDa



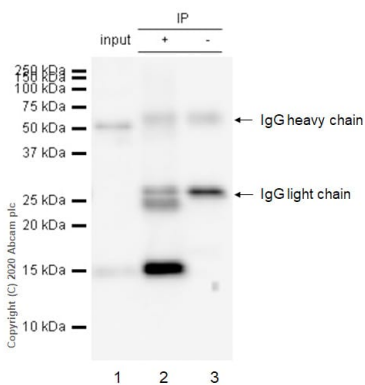
Flow Cytometry (Intracellular) - Anti-Galectin 7 antibody [EPR4287] (ab108623)

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?

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

Anti-Galectin 7 antibody [EPR4287] (ab108623)

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors