

### Anti-LAGE-1 antibody [EPR27371-91] ab307732

重组 RabMAb

#### 5 图像

#### 概述

产品名称	Anti-LAGE-1抗体[EPR27371-91]
描述	兔单克隆抗体[EPR27371-91] to LAGE-1
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P, IP <b>不适用于:</b> Flow Cyt or ICC/IF
种属反应性	<b>与反应:</b> Human <b>不与反应:</b> Mouse, Rat
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human testis lysates. IHC-P: Human testis tissues. IP: Human testis cell.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

#### 性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR27371-91

同种型

IgG

## 应用

### The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab307732 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. Predicted molecular weight: 21 kDa.
IHC-P		1/2000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/30.

### 应用说明

Is unsuitable for Flow Cyt or ICC/IF.

## 靶标

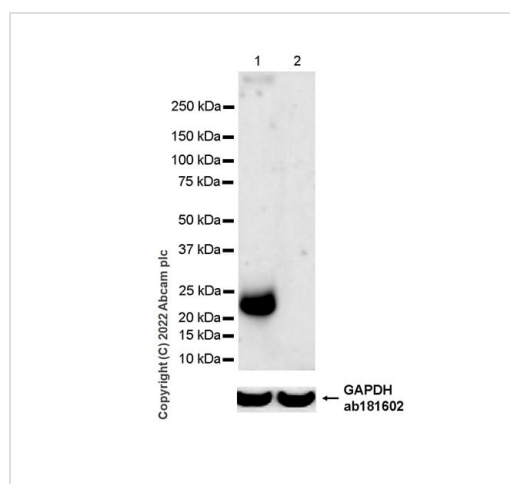
### 组织特异性

Testis and very low level in placenta and in some uterus samples. Observed in 25-50% of tumor samples of melanomas, non-small-cell lung carcinomas, bladder, prostate and head and neck cancers.

### 序列相似性

Belongs to the CTAG family.

## 图片



Western blot - Anti-LAGE-1 antibody [EPR27371-91]  
(ab307732)

**All lanes** : Anti-LAGE-1 antibody [EPR27371-91] (ab307732) at 1/1000 dilution

**Lane 1** : Human testis tissue lysate

**Lane 2** : Human kidney tissue lysate

Lysates/proteins at 20 µg per lane.

### Secondary

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

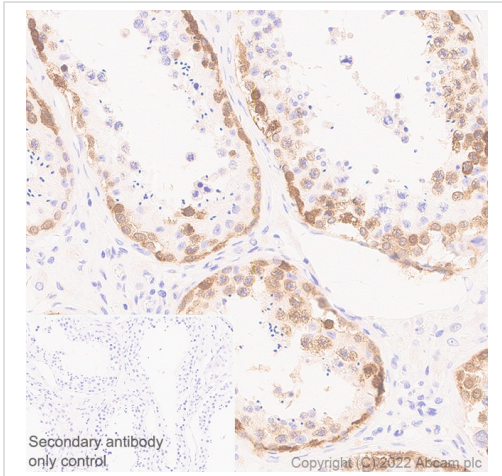
**Predicted band size:** 21 kDa

**Observed band size:** 21 kDa

Blocking and diluting buffer and concentration: 5% NFD/MTBST

Negative control: human kidney (PMID: 10399963).

Exposure time: 180 seconds



Secondary antibody only control

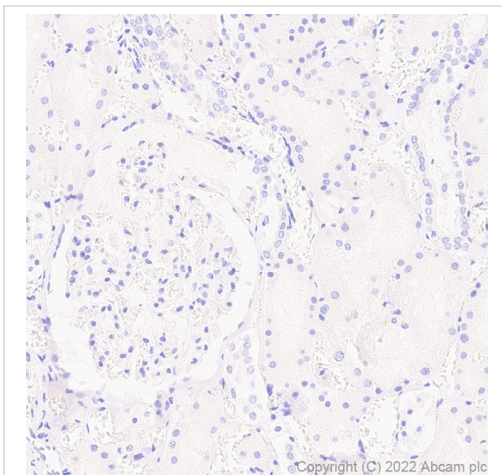
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LAGE-1 antibody [EPR27371-91] (ab307732)

Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling LAGE-1 with ab307732 at 1/2000 (0.245 ug/ml) followed by a LeicaDS9800 (Bond™ Polymer Refine Detection) at Ready to use dilution. Positive staining on human testis (PMID: 10399963). The section was incubated with ab307732 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is LeicaDS9800 (Bond™ Polymer Refine Detection) at Ready to use dilution.

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



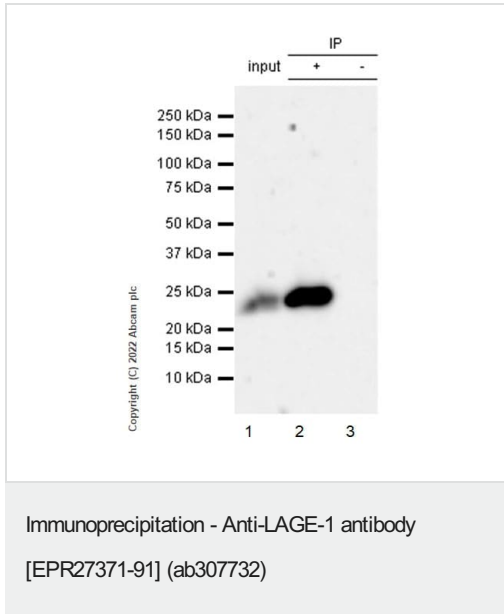
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LAGE-1 antibody [EPR27371-91] (ab307732)

Immunohistochemical analysis of paraffin-embedded Human kidney tissue labeling LAGE-1 with ab307732 at 1/2000 (0.245 ug/ml) followed by a LeicaDS9800 (Bond™ Polymer Refine Detection) at Ready to use dilution. Negative control: no staining on human kidney (PMID: 10399963). The section was incubated with ab307732 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is LeicaDS9800 (Bond™ Polymer Refine Detection) at Ready to use dilution.

Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins



LAGE-1 was immunoprecipitated from 0.35 mg Human testis tissue lysate 10 ug with ab307732 at 1/30 dilution (2ug in 0.35mg lysates).

Western blot was performed on the immunoprecipitate using ab307732 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP)(**ab131366**) was used at 1/5000 dilution.

Lane 1: Human testis tissue lysate 10 ug

Lane 2: ab307732 IP in Human testis tissue lysate

Lane 3:Rabbit monoclonal IgG (**ab172730**) instead of ab307732 in human testis tissue lysate

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 41 seconds

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-LAGE-1 antibody [EPR27371-91] (ab307732)

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

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