

### PE Anti-Glypican 3 antibody [SP86] ab303587

敲除验证
重组
RabMAb

#### 3 图像

#### 概述

产品名称	PE Anti-Glypican 3抗体[SP86]
描述	PE兔单克隆抗体[SP86] to Glypican 3
宿主	Rabbit
偶联物	PE. Ex: 488nm, Em: 575nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Flow Cyt: HAP1 cells.
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>

#### 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 +4°C. Avoid freeze / thaw cycle. Store In the Dark.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 98% PBS, 1% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	SP86
同种型	IgG

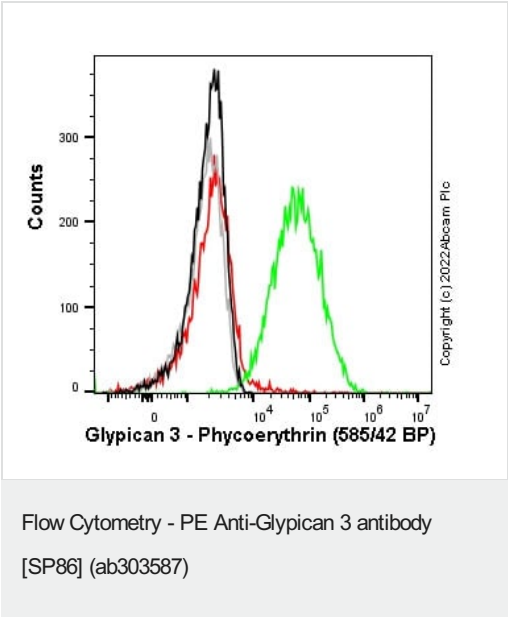
应用

<b>The Abpromise guarantee</b> <b>Abpromise™</b> 承诺保证使用ab303587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
Flow Cyt		1/500.

靶标

功能	Cell surface proteoglycan that bears heparan sulfate. Inhibits the dipeptidyl peptidase activity of DPP4. May be involved in the suppression/modulation of growth in the predominantly mesodermal tissues and organs. May play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function. May regulate growth and tumor predisposition.
组织特异性	Highly expressed in lung, liver and kidney.
疾病相关	Defects in GPC3 are the cause of Simpson-Golabi-Behmel syndrome type 1 (SGBS1) [MIM:312870]; also known as Simpson dysmorphia syndrome (SDYS). SGBS is a condition characterized by pre- and postnatal overgrowth (gigantism) with visceral and skeletal anomalies.
序列相似性	Belongs to the glypican family.
细胞定位	Cell membrane and Secreted > extracellular space.

图片



Flow cytometry overlay histogram showing wild-type HAP1 (green line) and GPC3 knockout HAP1 cells stained with AB303587 (red line). The cells were incubated in 1x PBS containing 10% normal goat serum to block non-specific protein-protein interaction followed by the antibody (AB303587) ( $1 \times 10^6$  in 100  $\mu$ l at 1  $\mu$ g/ml) for 30 min at 4°C.

Isotype control antibody Rabbit IgG (monoclonal) Phycoerythrin (**ab209478**) was used at the same concentration and conditions as the primary antibody (wild-type HAP1 - black line GPC3 knockout HAP1 - grey line). Unlabeled sample was also used as a control (this line is not shown for the purpose of simplicity).

Acquisition of >5000 events were collected using a 50 mW Yellow/Green laser (561 nm) and 585/42 bandpass filter.

Why choose a recombinant conjugated antibody?



**Research with confidence**  
Consistent and reproducible results



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



**Guaranteed long-term performance**  
Quantitative quality control

PE Anti-Glypican 3 antibody [SP86] (ab303587)

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

PE Anti-Glypican 3 antibody [SP86] (AB303587)

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

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