

Anti-GST3 / GST pi antibody [EPR8263] ab138491

敲除验证 重组 RabMAb

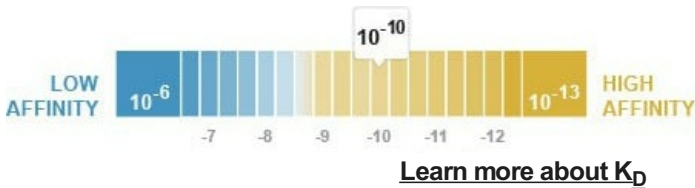
★★★★★ 1 Abreviews 11 References 9 图像

概述

产品名称	Anti-GST3 / GST pi 抗体[EPR8263]
描述	兔单克隆抗体[EPR8263] to GST3 / GST pi
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P, ICC/IF 不适用于: IP
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide within Human GST3/ GST pi aa 100-200. The exact sequence is proprietary.
阳性对照	WB: HAP1, Jurkat, and HEK293 cell lysates; ICC/IF: K562 cells; Flow Cyt (intra): Jurkat; IHC-P: Rat and mouse stomach, and human tonsil tissue sections; WB: K-562 whole cell lysate, mouse and rat brain lysates.
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 -20°C.
解离常数 (K <sub>D</sub> )	K <sub>D</sub> = 1.00 x 10 <sup>-10</sup> M



存储溶液	pH: 7.20
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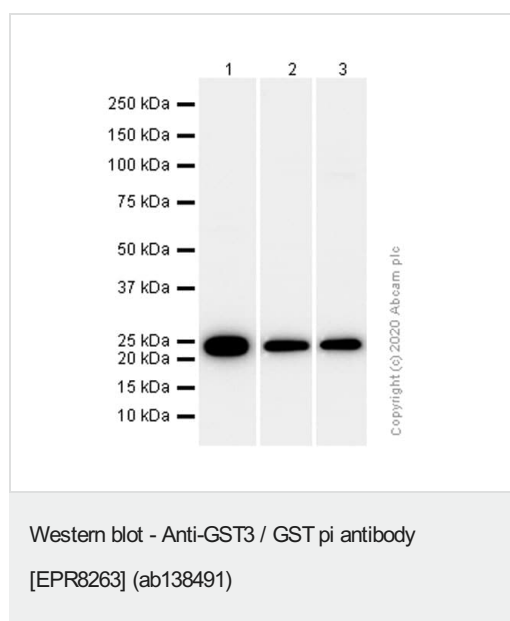
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR8263
同种型	IgG

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab138491于以下的经测试应用

应用	Ab评论	说明
Flow Cyt (Intra)		1/20.
WB		1/1000 - 1/10000. Predicted molecular weight: 23 kDa.
IHC-P	★★★★★ (1)	1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. For unpurified please use at 1/250 - 1/500 dilution
ICC/IF		1/50. For unpurified use at 1/100 - 1/250

靶标

图片



**All lanes :** Anti-GST3 / GST pi antibody [EPR8263] (ab138491) at 1/1000 dilution (Purified)

**Lane 1 :** K-562 (Human chronic myelogenous leukemia lymphoblast) whole cell lysate

**Lane 2 :** Mouse brain lysate

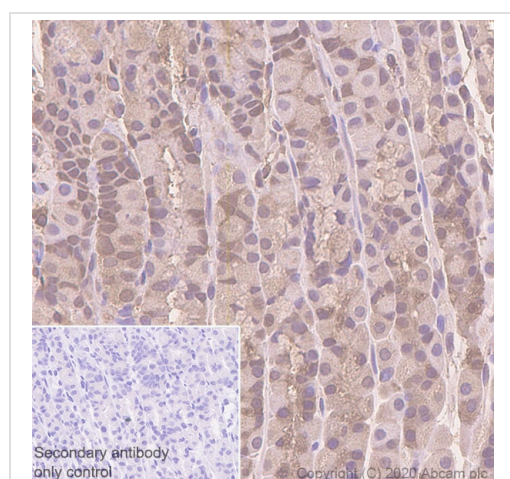
**Lane 3 :** Rat brain lysate

Lysates/proteins at 15 µg per lane.

### Secondary

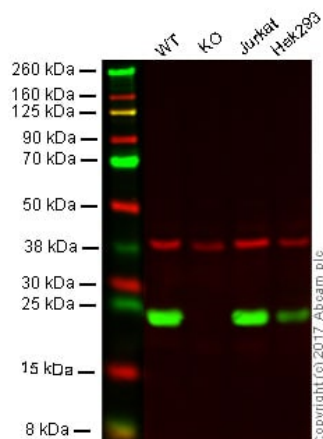
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 23 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat stomach tissue sections labeling GST3 / GST pi with Purified ab138491 at 1/100 dilution (0.99 µg/mL). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 1 (pH 6.0). 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.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GST3 / GST pi antibody [EPR8263] (ab138491)



Western blot - Anti-GST3 / GST pi antibody  
[EPR8263] (ab138491)

**Lane 1:** Wild type HAP1 whole cell lysate (20 µg)

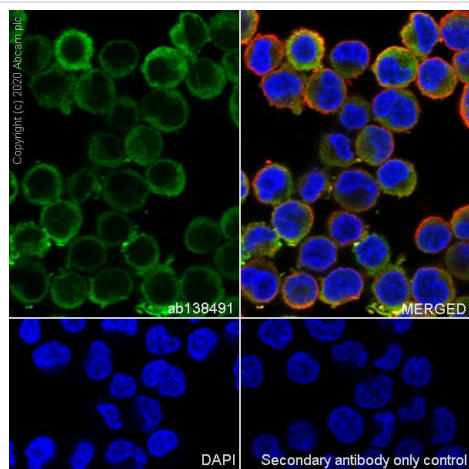
**Lane 2:** GST3 knockout HAP1 whole cell lysate (20 µg)

**Lane 3:** Jurkat whole cell lysate (20 µg)

**Lane 4:** Hek293 whole cell lysate (20 µg)

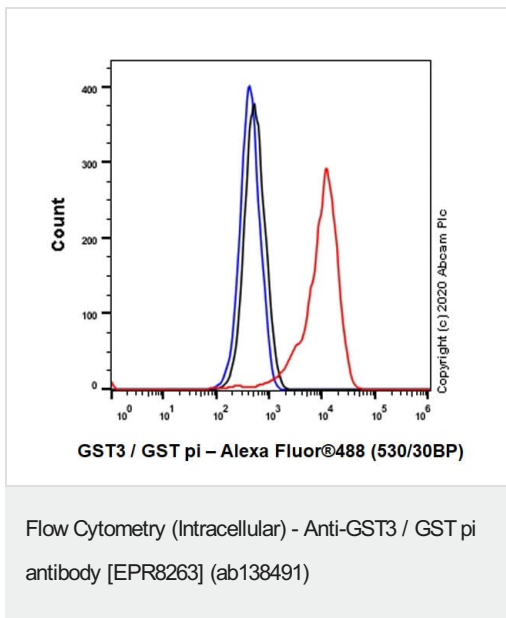
**Lanes 1 - 4:** Merged signal (red and green). Green - ab138491 observed at 23 kDa. Red - loading control, **ab9484**, observed at 37 kDa.

ab138491 was shown to specifically react with GST3 when GST3 knockout samples were used. Wild-type and GST3 knockout samples were subjected to SDS-PAGE. Ab138491 and **ab9484** (Mouse anti GAPDH loading control) were incubated overnight at 4°C at 1000 dilution and 1/10001 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed **ab216773** and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed **ab216776** secondary antibodies at 1/10000 dilution for 1 hour at room temperature before imaging.

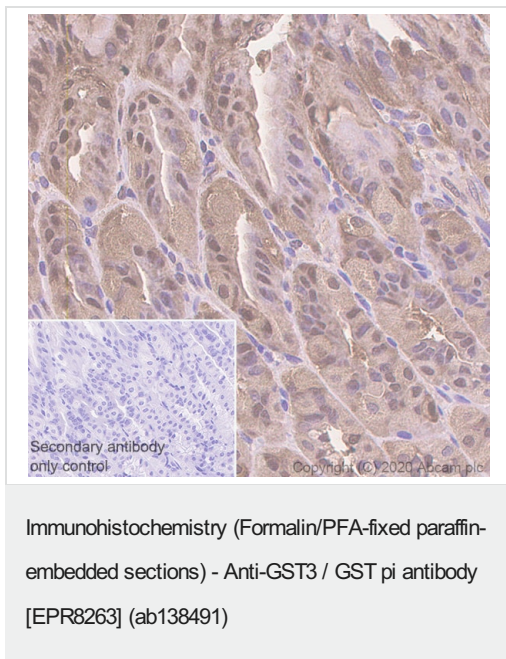


Immunocytochemistry/ Immunofluorescence - Anti-GST3 / GST pi antibody [EPR8263] (ab138491)

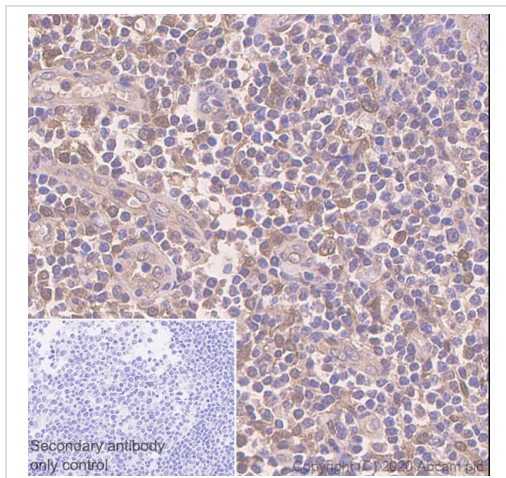
Immunocytochemistry analysis of K-562 (Human chronic myelogenous leukemia lymphoblast) cells labeling GST3 / GST pi with Purified ab138491 at 1/50 dilution (1.98 µg/mL). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1/200 dilution (2.5 µg/mL). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1/1000 dilution (2 µg/mL). DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Intracellular Flow Cytometry analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labeling GST3 / GST pi with Purified ab138491 at 1/20 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).

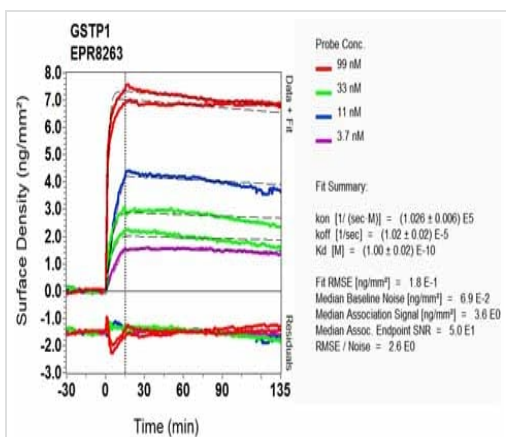


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse stomach tissue sections labeling GST3 / GST pi with Purified ab138491 at 1/100 dilution (0.99 µg/mL). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 1 (pH 6.0). Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GST3 / GST pi antibody [EPR8263] (ab138491)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human tonsil tissue sections labeling GST3 / GST pi with Purified ab138491 at 1/100 dilution (0.99  $\mu\text{g/mL}$ ). Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 1 (pH 6.0). 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.



OIR-D Scanning - Anti-GST3 / GST pi antibody [EPR8263] (ab138491)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

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**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-GST3 / GST pi antibody [EPR8263] (ab138491)

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

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