

Anti-GST antibody [EPR4236] ab111947

重组 RabMAb

[19 References](#) [6 图像](#)

概述

产品名称	Anti-GST抗体[EPR4236]
描述	兔单克隆抗体[EPR4236] to GST
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF, IP 不适用于: Flow Cyt or IHC-P
种属反应性	与反应: Species independent
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	GST fusion proteins; Alpha-actinin-4-GST, AKT1/PKBa-GST or CDK7-GST.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR4236
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab111947 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. Predicted molecular weight: 26 kDa.
ICC/IF		1/100.
IP		1/20.

应用说明

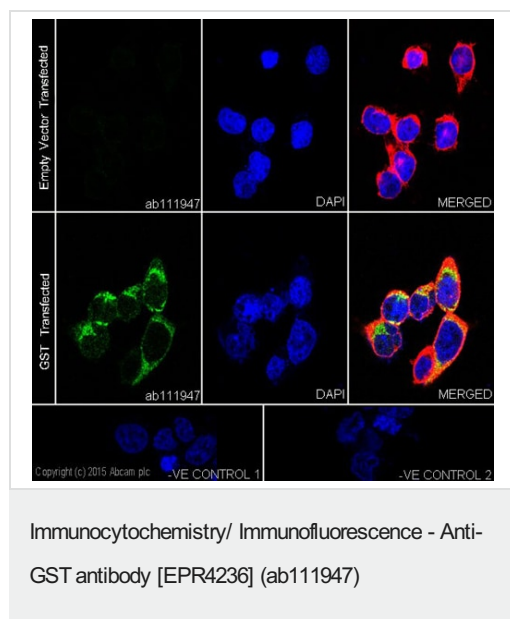
Is unsuitable for Flow Cyt or IHC-P.

靶标

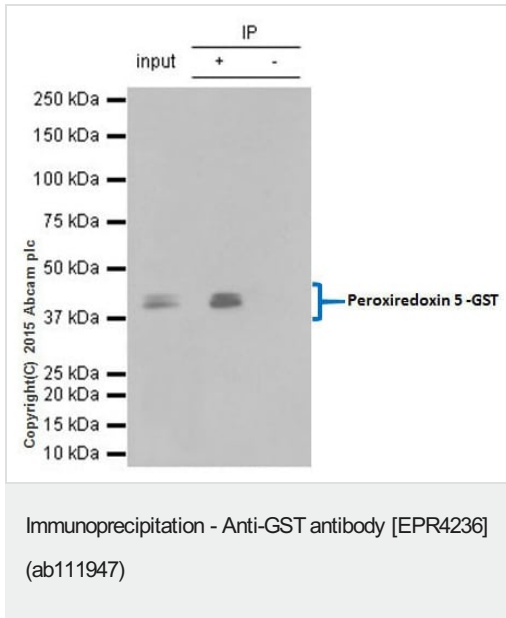
相关性

GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum* and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.

图片



Immunofluorescence staining of 293T cells transfected with GST, with ab111947 at a working dilution of 1/100 and counter-stained with DAPI. Tubulin was also stained with mouse anti-tubulin at a dilution of 1/1000 (**ab7291**) and Alexa Fluor® 594 goat anti-mouse at a dilution of 1/500 (**ab150120**). The secondary antibody was Alexa Fluor® 488 goat anti rabbit (**ab150077**), used at a dilution of 1/500. The cells were fixed in 4% PFA and permeabilized using 0.1% Triton X-100. The negative controls are shown in the bottom hand panels - for the first negative control, anti-GST antibody (ab111947) was used at a dilution of 1/100 followed by an Alexa Fluor® 594 goat anti-mouse antibody (**ab150120**) at a dilution of 1/1000 and for the second negative control, mouse anti-tubulin (**ab7291**) and anti-rabbit secondary antibody (**ab150077**) were used.



GST immunoprecipitation from transfected 293T whole cell lysate using ab111947. 1 mg of cell lysate was incubated with capture antibody (ab111947) at 1/20 dilution.

Lane 1: Primary: ab111947, 1/1000 dilution

Sample: 293T transfected with GST tagged protein vector cell lysate 10 ug

Lane 2: Primary: ab111947, 1/1000 dilution

Sample: 293T transfected with GST tagged protein vector cell lysate

Lane 3: Primary: **ab172730**, Rabbit monoclonal IgG

Sample: 293T transfected with GST tagged protein vector cell lysate

All lanes: Secondary: **ab131366**, Veriblot, 1/10000 dilution

Blocking and diluting buffer: 5% NFDm/TBST

Lanes 1-2 : Anti-GST antibody [EPR4236] (ab111947) at 1/1000 dilution

Lane 3 : Rabbit IgG, monoclonal [EPR25A] - Isotype Control (**ab172730**)

Lane 1 : Input - 293 transfected with GST tagged protein vector cell lysate at 10 μ g

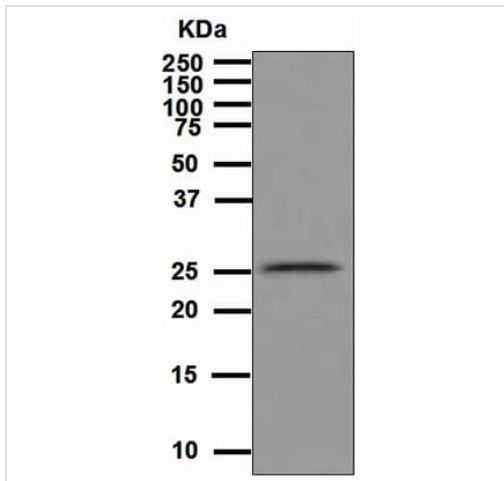
Lane 2 : (+) 293T transfected with GST tagged protein vector cell lysate

Lane 3 : (-) 293T transfected with GST tagged protein vector cell lysate

Secondary

All lanes : VeriBlot for IP Detection Reagent (HRP) (**ab131366**) at 1/10000 dilution (VeriBlot)

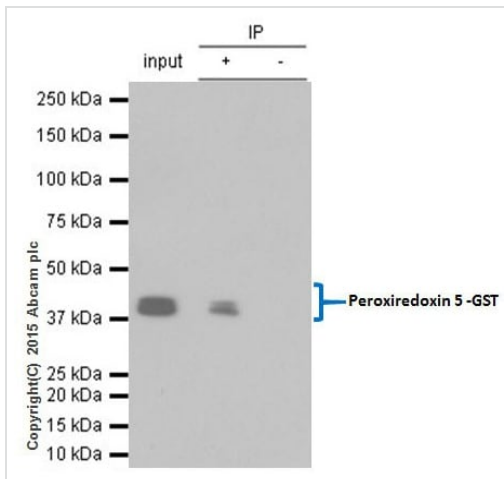
Additional bands at: 41 kDa (possible tagged protein)



Western blot - Anti-GST antibody [EPR4236]
(ab111947)

Anti-GST antibody [EPR4236] (ab111947) at 1/1000 dilution + GST recombinant protein at 0.01 μ g

Predicted band size: 26 kDa



Immunoprecipitation - Anti-GST antibody [EPR4236]
(ab111947)

(Cross IP) GST immunoprecipitation from transfected 293T whole cell lysate using ab111947. 1 mg of cell lysate was incubated with capture antibody (ab111947) at 1/20 dilution.

Lane 1: Primary: **ab180123**, 1/1000 dilution

Sample: 293T transfected with GST tagged protein vector cell lysate 10 μ g

Lane 2: Primary: **ab180123**, 1/1000 dilution

Sample: 293T transfected with GST tagged protein vector cell lysate

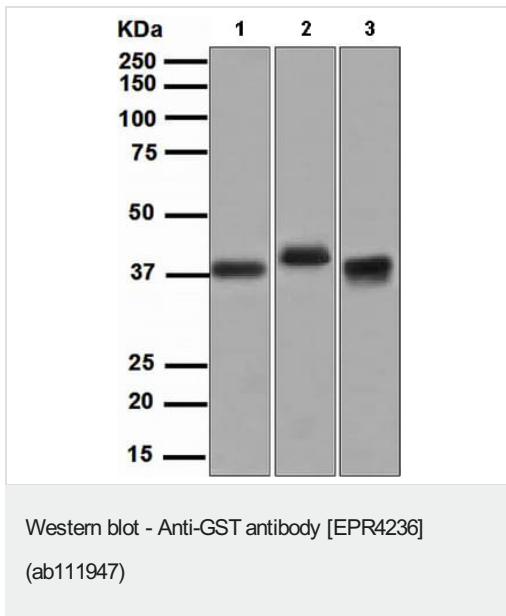
Secondary: **ab131366**, Veriblot, 1/10000 dilution

Lane 3: Primary: **ab172730**, Rabbit monoclonal IgG

Sample: 293T transfected with GST tagged protein vector cell lysate

All lanes: Secondary: **ab131366**, Veriblot, 1/10000 dilution

Blocking and diluting buffer: 5% NFDN/TBST



All lanes : Anti-GST antibody [EPR4236] (ab111947) at 1/1000 dilution

Lane 1 : Alpha-actinin-4-GST fusion protein





Lane 2 : AKT1/PKBa-GST fusion protein

Lane 3 : CDK7-GST fusion protein

Lysates/proteins at 0.01 µg per lane.

Predicted band size: 26 kDa

Why choose a recombinant antibody?

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

Anti-GST antibody [EPR4236] (ab111947)

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