

## Product datasheet

# Anti-GYPB/GPB antibody [EPR15454(B)] ab190351

Recombinant RabMAb

[4 Images](#)

### Overview

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<b>Product name</b>	Anti-GYPB/GPB antibody [EPR15454(B)]
<b>Description</b>	Rabbit monoclonal [EPR15454(B)] to GYPB/GPB
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Human fetal liver, K562, mouse brain, kidney and spleen, rat brain, C6, Raw264.7, PC-12, and NIH/3T3 lysates.
<b>General notes</b>	<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>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR15454(B)
<b>Isotype</b>	IgG

## Applications

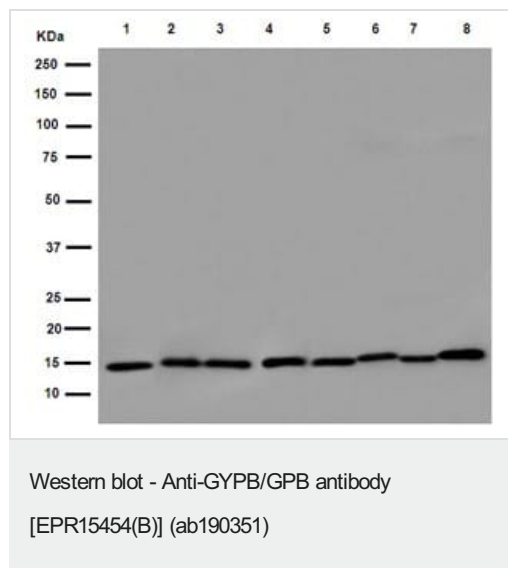
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab190351 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 15 kDa (predicted molecular weight: 10 kDa).

## Target

<b>Function</b>	This protein is a minor sialoglycoprotein in erythrocyte membranes.
<b>Sequence similarities</b>	Belongs to the glycophorin-A family.
<b>Post-translational modifications</b>	The N-terminal extracellular domain is heavily glycosylated on serine and threonine residues.
<b>Cellular localization</b>	Cell membrane.

## Images



**All lanes** : Anti-GYPB/GPB antibody [EPR15454(B)] (ab190351) at 1/1000 dilution

- Lane 1** : Mouse brain tissue lysate
- Lane 2** : Mouse kidney tissue lysate
- Lane 3** : Mouse spleen tissue lysate
- Lane 4** : Rat brain tissue lysate
- Lane 5** : C6 lysate
- Lane 6** : RAW 264.7 cell lysate
- Lane 7** : PC12 lysate
- Lane 8** : NIH/3T3 lysate

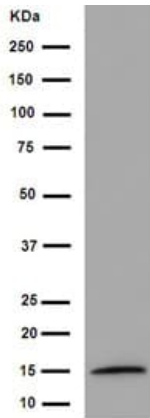
Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 10 kDa

**Observed band size:** 15 kDa



Western blot - Anti-GYPB/GPB antibody  
[EPR15454(B)] (ab190351)

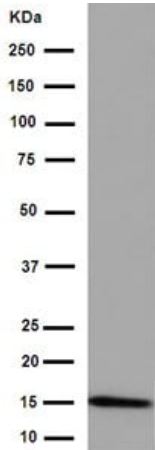
Anti-GYPB/GPB antibody [EPR15454(B)] (ab190351) at 1/10000 dilution + K562 lysate at 20  $\mu$ g

**Secondary**

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution

**Predicted band size:** 10 kDa

**Observed band size:** 15 kDa



Western blot - Anti-GYPB/GPB antibody  
[EPR15454(B)] (ab190351)

Anti-GYPB/GPB antibody [EPR15454(B)] (ab190351) at 1/1000 dilution + Human fetal liver at 20  $\mu$ g

**Secondary**

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 10 kDa

**Observed band size:** 15 kDa

### 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-GYPB/GPB antibody [EPR15454(B)]  
(ab190351)

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

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- 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
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