

# Anti-GYPB/GPB antibody [EPR15454(B)] - BSA and Azide free ab251015

Recombinant RabMAb

4 Images

### Overview

<b>Product name</b>	Anti-GYPB/GPB antibody [EPR15454(B)] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR15454(B)] to GYPB/GPB - BSA and Azide free
<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>General notes</b>	<p>ab251015 is the carrier-free version of <a href="#">ab190351</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR15454(B)
<b>Isotype</b>	IgG

## Applications

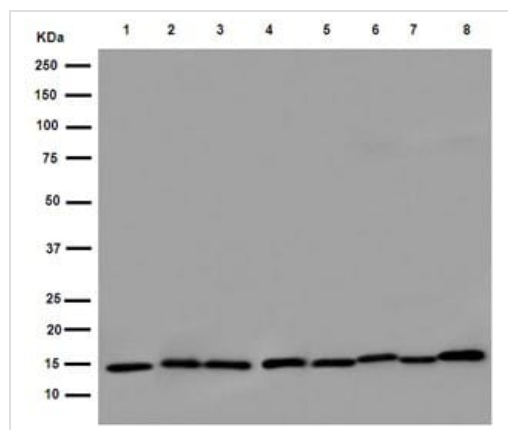
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab251015 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
<b>WB</b>		Use at an assay dependent concentration. 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



Western blot - Anti-GYPB/GPB antibody  
[EPR15454(B)] - BSA and Azide free (ab251015)

**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.

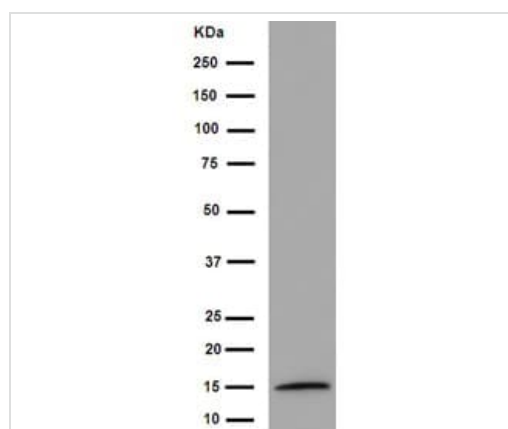
### Secondary

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

**Predicted band size:** 10 kDa

**Observed band size:** 15 kDa

This data was developed using [ab190351](#), the same antibody  
clone in a different buffer formulation.



Western blot - Anti-GYPB/GPB antibody  
[EPR15454(B)] - BSA and Azide free (ab251015)

Anti-GYPB/GPB antibody [EPR15454(B)] ([ab190351](#)) at 1/10000  
dilution + K562 lysate at 20 µg

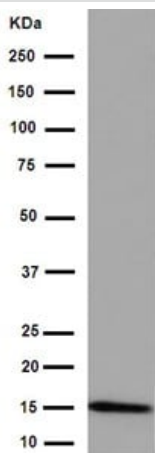
### Secondary

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

**Predicted band size:** 10 kDa

**Observed band size:** 15 kDa

This data was developed using [ab190351](#), the same antibody  
clone in a different buffer formulation.



Western blot - Anti-GYPB/GPB antibody  
[EPR15454(B)] - BSA and Azide free (ab251015)

Anti-GYPB/GPB antibody [EPR15454(B)] ([ab190351](#)) at 1/1000 dilution + Human fetal liver at 20 µg

#### Secondary

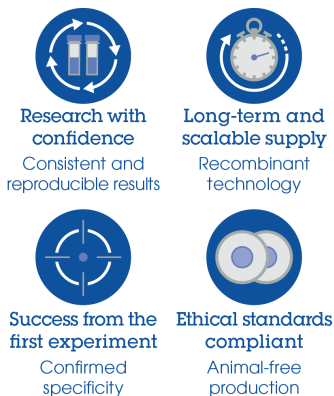
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 10 kDa

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#### Why choose a recombinant antibody?



Anti-GYPB/GPB antibody [EPR15454(B)] - BSA and Azide free (ab251015)

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

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