

## Datasheet: 0100-0419

<b>Description:</b>	MOUSE ANTI HUMAN GLYCOGEN PHOSPHORYLASE BB
<b>Specificity:</b>	GLYCOGEN PHOSPHORYLASE BB
<b>Other names:</b>	GPBB
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	6F1
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.2 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit

[www.abdserotec.com/protocols](http://www.abdserotec.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			
Western Blotting	■			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Human Glycogen Phosphorylase BB
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P11216</a> PYGB_HUMAN <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">5834</a> PYGB <a href="#">Related reagents</a></p>
<b>Fusion Partners</b>	Spleen cells from immunised Balb/c mice were fused with cells of the Sp 2/0 myeloma cell line.
<b>Specificity</b>	0100-0419 detects glycogen phosphorylase BB (GPBB), a regulatory enzyme which catalyses the rate-determining step in glycogen degradation. In unstable angina, rapid rises in plasma concentrations of GPBB have been observed.

Mammalian glycogen phosphorylase is found as three major isozymes including muscle (GPMM), liver (GPLL), and brain/heart (GPBB), which can be distinguished by their structural and functional properties as well as by the tissues in which they are expressed.

0100-0419 also reacts with GPMM.

<b>References</b>	1. Sugimoto, M. <i>et al.</i> (2003) Deletion of one of the duplicated Hsp70 genes causes hereditary myopathy of diaphragmatic muscles in Holstein-Friesian cattle. <a href="#">Anim Genet. 34: 191-7.</a>
<b>Storage</b>	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet Documentation #10040 available at: <a href="http://www.abdserotec.com/uploads/MSDS/10040.pdf">http://www.abdserotec.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Sheep Anti Mouse IgG (H/L) (AAC10...)	<a href="#">Biotin</a> , <a href="#">FITC</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight®800</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
HuCAL Anti Mouse IgG1 (HCA036...)	<a href="#">HRP</a>

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