

Product datasheet

Anti-PGK2 antibody [EPR14909(B)] ab183031

Recombinant RabMAb

[4 References](#) [4 Images](#)

Overview

Product name	Anti-PGK2 antibody [EPR14909(B)]
Description	Rabbit monoclonal [EPR14909(B)] to PGK2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human, mouse and rat testis and Human seminoma lysates.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14909(B)
Isotype	IgG

Applications

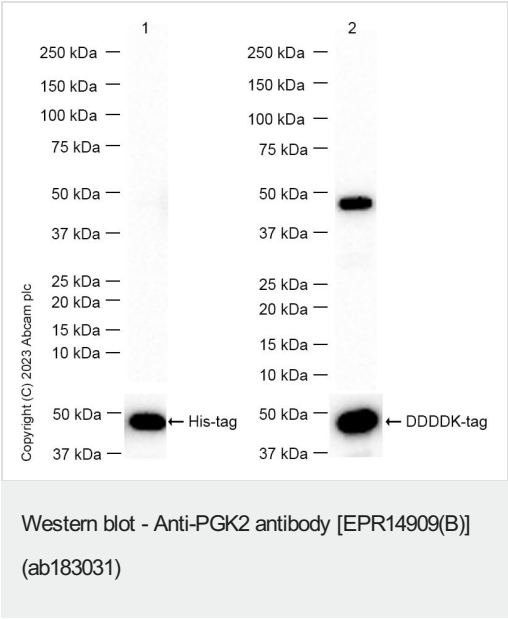
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab183031 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 42 kDa (predicted molecular weight: 45 kDa).

Target

Tissue specificity	Testis specific.
Pathway	Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 2/5.
Sequence similarities	Belongs to the phosphoglycerate kinase family.
Cellular localization	Cytoplasm.

Images



All lanes : Anti-PGK2 antibody [EPR14909(B)] (ab183031) at 1/1000 dilution

Lane 1 : PGK1 Human Recombinant Protein
Lane 2 : PGK2 Human Recombinant Protein

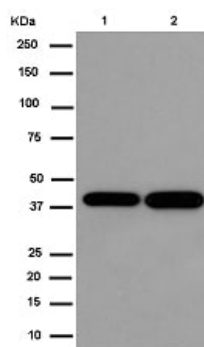
Lysates/proteins at 20 µg per lane.

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

Predicted band size: 45 kDa

Exposure time: 10 seconds

Blocking and diluting buffer: 5% NFDM/TBST



Western blot - Anti-PGK2 antibody [EPR14909(B)]
(ab183031)

All lanes : Anti-PGK2 antibody [EPR14909(B)] (ab183031) at
1/1000 dilution

Lane 1 : Mouse testis lysate

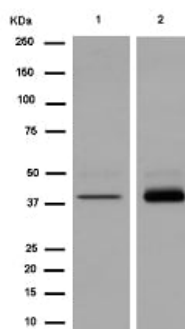
Lane 2 : Rat testis lysate

Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 45 kDa



Western blot - Anti-PGK2 antibody [EPR14909(B)]
(ab183031)

All lanes : Anti-PGK2 antibody [EPR14909(B)] (ab183031) at
1/1000 dilution

Lane 1 : Human testis lysate

Lane 2 : Human seminoma lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 45 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-PGK2 antibody [EPR14909(B)] (ab183031)

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

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