

Anti-PGK1 antibody [22C5D8] ab113687

★★★★★ [1 Abreviews](#) [120 References](#) [2 图像](#)

概述

产品名称	Anti-PGK1抗体[22C5D8]
描述	小鼠单克隆抗体[22C5D8] to PGK1
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: <i>Saccharomyces cerevisiae</i>
免疫原	Full length native protein (purified). This information is considered to be commercially sensitive.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
纯度	Proprietary Purification
纯化说明	Near homogeneity (Purity >95% by SDS-PAGE). The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by chemical fractionation.
克隆	单克隆
克隆编号	22C5D8

同种型 IgG1

轻链类型 kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab113687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)	Use a concentration of 0.1 - 1 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa).

靶标

功能 In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein).

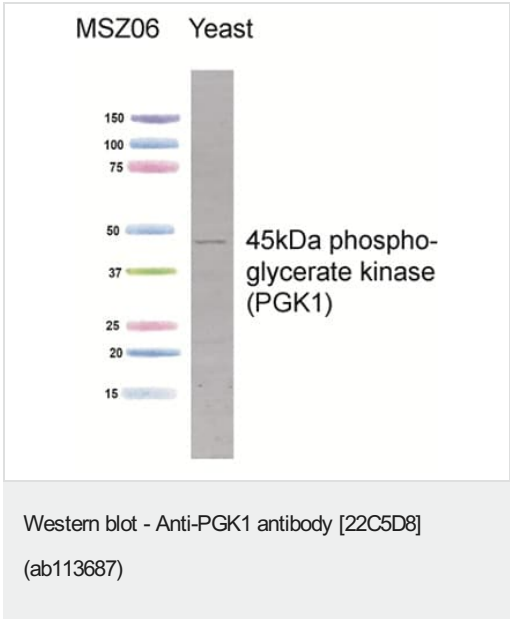
通路 Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 2/5.

疾病相关 Defects in PGK1 are the cause of phosphoglycerate kinase 1 deficiency (PGK1D) [MIM:300653]. It is a condition with a highly variable clinical phenotype that includes hemolytic anemia, rhabdomyolysis, myopathy and neurologic involvement. Patients can express one or more of these manifestations.

序列相似性 Belongs to the phosphoglycerate kinase family.

细胞定位 Cytoplasm.

图片

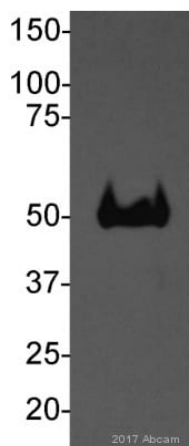


Anti-PGK1 antibody [22C5D8] (ab113687) + Yeast whole cell lysate at 15 µg

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 45 kDa



Western blot - Anti-PGK1 antibody [22C5D8]
(ab113687)

This image is courtesy of an anonymous abreview.

Anti-PGK1 antibody [22C5D8] (ab113687) at 1/1000 dilution (16 hour(s) and 0 minute(s) · Temperature: 4°C · Diluent: 5% Milk/ TBS-T) + *Saccharomyces cerevisiae* Cell lysate - nuclear at 30 µg

Secondary

Sheep anti-Mouse IgG, HRP-linked whole Ab ECL at 1/5000 dilution

Developed using the ECL technique.

Predicted band size: 45 kDa

Exposure time: 1 minute

Milk as blocking agent for 1 hour(s) and 0 minute(s) · Concentration: 5% · Temperature: 25°C.

Gel running condition: Reduced Denaturing (4-12% Bis-Tris).

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

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