

### Anti-PGK1 antibody [22C5D8] ab113687

★★★★★ [1 Abreviews](#) [120 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-PGK1 antibody [22C5D8]
製品の詳細	Mouse monoclonal [22C5D8] to PGK1
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> <i>Saccharomyces cerevisiae</i>
免疫原	Full length native protein (purified). This information is considered to be commercially sensitive.
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</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&amp;As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
精製度	Proprietary Purification
特記事項 (精製)	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.
ポリ/モノ	モノクローナル
クローン名	22C5D8

アイソタイプ	IgG1
軽鎖の種類	kappa

### アプリケーション

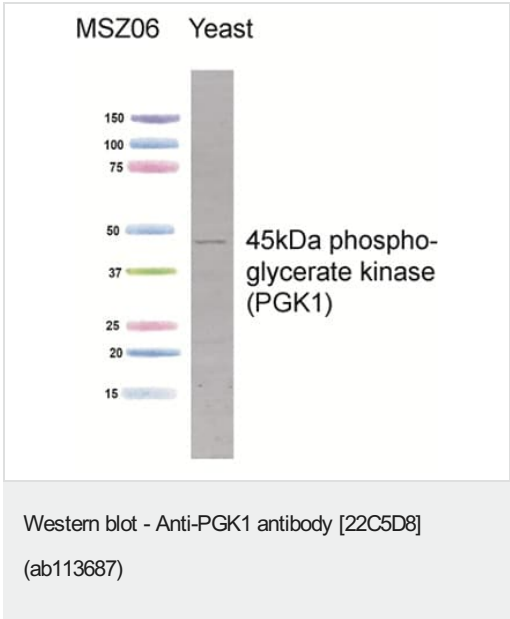
The Abpromise guarantee      Abpromise保証は、次のテスト済みアプリケーションにおけるab113687の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use a concentration of 0.1 - 1 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa).

### ターゲット情報

機能	In addition to its role as a glycolytic enzyme, it seems that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein).
パスウェイ	Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 2/5.
関連疾患	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.
配列類似性	Belongs to the phosphoglycerate kinase family.
細胞内局在	Cytoplasm.

### 画像

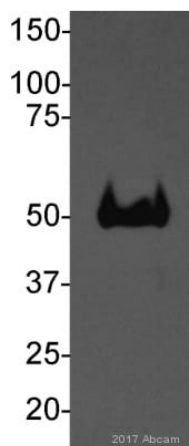


Anti-PGK1 antibody [22C5D8] (ab113687) + Yeast whole cell lysate at 15 µg

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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