abcam

Product datasheet

Anti-PGAM1 antibody [EPR8042] - BSA and Azide free ab248342
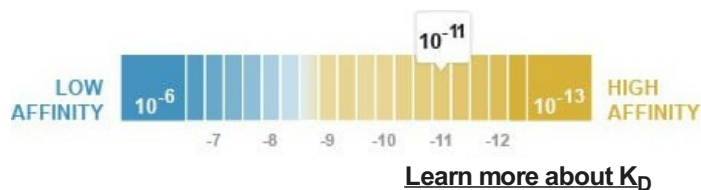
リコンビナント   RabMAb®

画像数 4

製品の概要

製品名	Anti-PGAM1 antibody [EPR8042] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR8042] to PGAM1 - BSA and Azide free
由来種	Rabbit
アプリケーション	**適用あり:** Flow Cyt (Intra), WB **適用なし:** ICC/IF,IHC-P or IP
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	ab248342 is the carrier-free version of **ab129191**.

Our **carrier-free** 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.

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.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production
For more information **see here**.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
解離定数（K_D値）	$K_D = 1.50 \times 10^{-11}$ M

Learn more about K_D

バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Affinity purified
ポリ/モノ	モノクローナル
クローン名	EPR8042
アイソタイプ	IgG

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ab248342の使用に適用されます
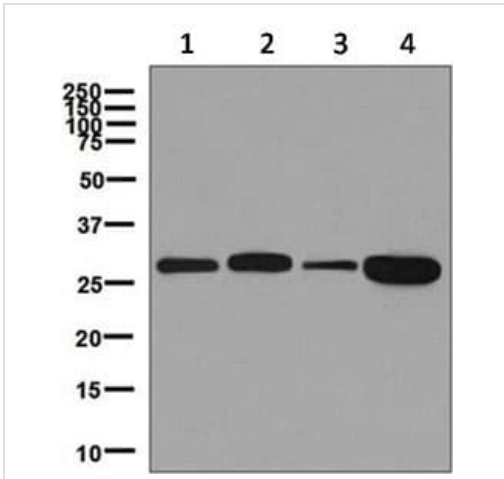
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 29 kDa (predicted molecular weight: 29 kDa).

追加情報	Is unsuitable for ICC/IF,IHC-P or IP.

ターゲット情報

機能	Interconversion of 3- and 2-phosphoglycerate with 2,3-bisphosphoglycerate as the primer of the reaction. Can also catalyze the reaction of EC 5.4.2.4 (synthase) and EC 3.1.3.13 (phosphatase), but with a reduced activity.
組織特異性	In mammalian tissues there are two types of phosphoglycerate mutase isozymes: type-M in muscles and type-B in other tissues.
配列類似性	Belongs to the phosphoglycerate mutase family. BPG-dependent PGAM subfamily.

画像

Western blot - Anti-PGAM1 antibody [EPR8042] - BSA and Azide free (ab248342)

All lanes : Anti-PGAM1 antibody [EPR8042] (**ab129191**) at 1/1000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : Human fetal muscle tissue lysate

Lane 3 : A431 cell lysate
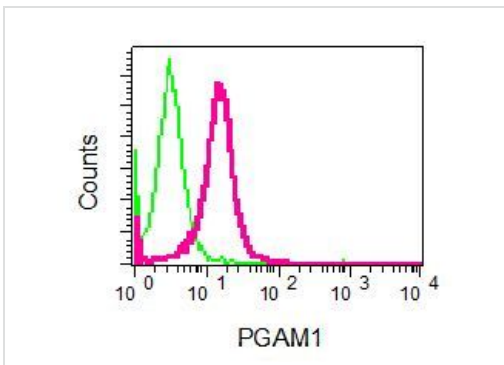
Lane 4 : Raji cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution
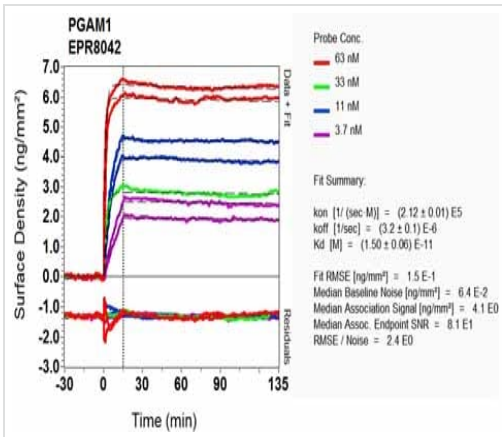
Predicted band size: 29 kDa

This data was developed using **ab129191**, the same antibody clone in a different buffer formulation.

Flow Cytometry (Intracellular) - Anti-PGAM1 antibody [EPR8042] - BSA and Azide free (ab248342)

This data was developed using **ab129191**, the same antibody clone in a different buffer formulation.

ab129191 at 1/100 dilution staining PGAM1 in permeabilized Raji cells by intracellular flow cytometry or a rabbit IgG negative control (green).

Ol-RD Scanning - Anti-PGAM1 antibody [EPR8042] - BSA and Azide free (ab248342)

This data was developed using **ab129191**, the same antibody clone in a different buffer formulation.Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D

Anti-PGAM1 antibody [EPR8042] - BSA and Azide free (ab248342)

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