

Anti-PGM3 antibody [OTI1A11] ab128094

3 References [画像数 9](#)

製品の概要

製品名	Anti-PGM3 antibody [OTI1A11]
製品の詳細	Mouse monoclonal [OTI1A11] to PGM3
由来種	Mouse
アプリケーション	適用あり: WB, IHC-P, Flow Cyt (Intra)
種交差性	交差種: Mouse, Human, African green monkey
免疫原	Recombinant full length protein corresponding to Human PGM3. Produced in HKE293T cells (NP_056414). Database link: O95394
ポジティブ・コントロール	WB: HEK-293T cells transfected with pCMV6-ENTRY PGM3 cDNA; HepG2, HeLa, SVT2, COS-7 and MCF7 cell lysates. IHC-P: Human Kidney, Human liver, Human pancreas, Adenocarcinoma of Human endometrium, Human prostate and Carcinoma of Human prostate tissues. Flow Cyt (Intra): PGM3 transfected HEK-293T cells
特記事項	<p>The clone number has been updated from 1A11 to OTI1A11, both clone numbers name the same antibody clone.</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>

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 long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA, 50% Glycerol
精製度	Affinity purified

特記事項 (精製)	Purified from cell culture supernatant by affinity chromatography
ポリ/モノ	モノクローナル
クローン名	OT11A11
アイソタイプ	IgG1

アプリケーション

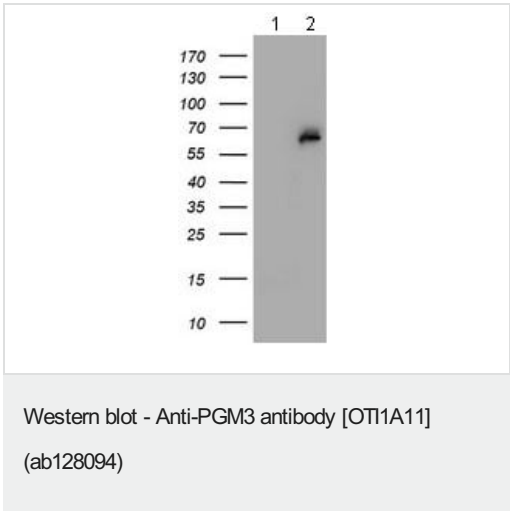
The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab128094の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/2000. Predicted molecular weight: 60 kDa.
IHC-P		1/150.
Flow Cyt (Intra)		1/100. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	Interconverts GlcNAc-6-P and GlcNAc-1-P.
組織特異性	Found in many tissues except lung. Relatively high expression in pancreas, heart, liver, and placenta, and relatively low expression in brain, skeletal muscle and kidney.
パスウェイ	Nucleotide-sugar biosynthesis; UDP-N-acetyl-alpha-D-glucosamine biosynthesis; N-acetyl-alpha-D-glucosamine 1-phosphate from alpha-D-glucosamine 6-phosphate (route I): step 2/2.
配列類似性	Belongs to the phosphohexose mutase family.

画像



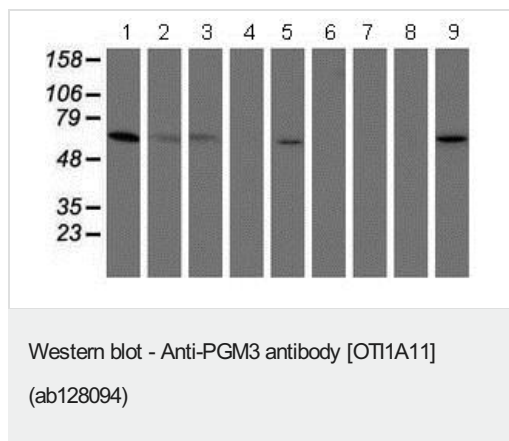
All lanes : Anti-PGM3 antibody [OT11A11] (ab128094) at 1/500 dilution

Lane 1 : HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cells transfected with pCMV6-ENTRY control cDNA

Lane 2 : HEK-293T cells transfected with pCMV6-ENTRY PGM3 cDNA

Lysates/proteins at 5 µg per lane.

Predicted band size: 60 kDa



All lanes : Anti-PGM3 antibody [OTI1A11] (ab128094) at 1/500 dilution

Lane 1 : HepG2 (human liver hepatocellular carcinoma cell line) cell lysate

Lane 2 : HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Lane 3 : SVT2 cell extract

Lane 4 : A549 (human lung carcinoma cell line) cell lysate

Lane 5 : COS-7 (African green monkey kidney fibroblast-like cell line) cell lysate

Lane 6 : Jurkat (human T cell leukemia cell line from peripheral blood) cell lysate

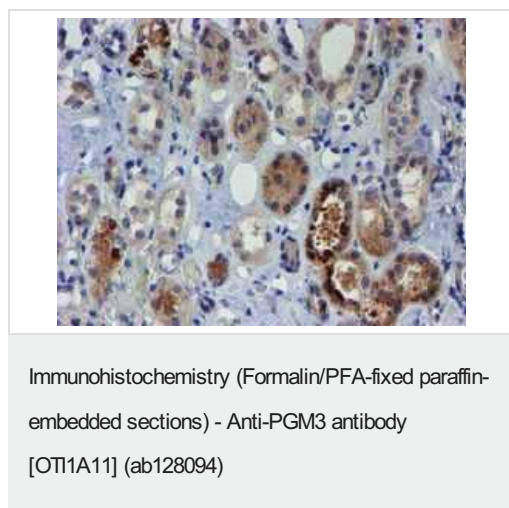
Lane 7 : MDCK cell extract

Lane 8 : PC-12 (rat adrenal gland pheochromocytoma cell line) cell lysate

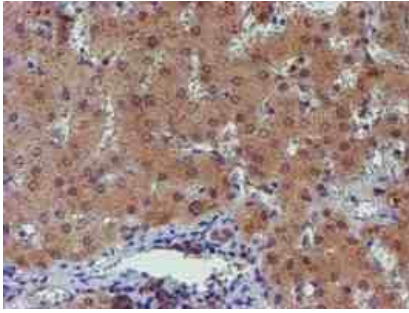
Lane 9 : MCF7 (human breast adenocarcinoma cell line) cell lysate

Lysates/proteins at 35 µg per lane.

Predicted band size: 60 kDa

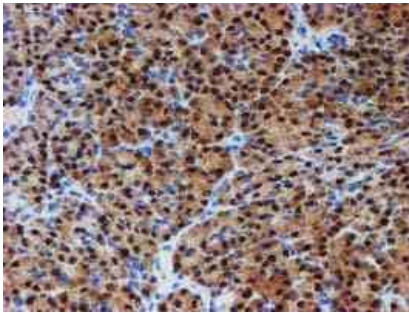


Paraffin-embedded human kidney tissue stained for PGM3 using ab128094 at 1/150 dilution in immunohistochemical analysis.



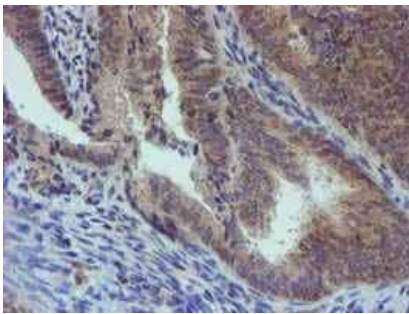
Paraffin-embedded human liver tissue stained for PGM3 using ab128094 at 1/150 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGM3 antibody [OT1A11] (ab128094)



Paraffin-embedded human pancreas tissue stained for PGM3 using ab128094 at 1/150 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGM3 antibody [OT1A11] (ab128094)



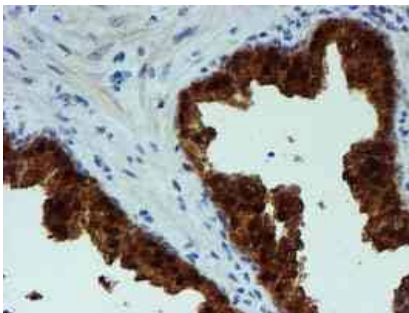
Paraffin-embedded human endometrium adenocarcinoma tissue stained for PGM3 using ab128094 at 1/150 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGM3 antibody [OT1A11] (ab128094)



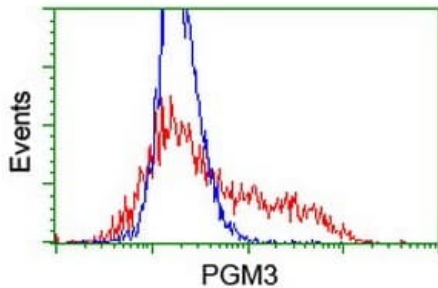
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGM3 antibody [OT1A11] (ab128094)

Paraffin-embedded human prostate tissue stained for PGM3 using ab128094 at 1/150 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PGM3 antibody [OT1A11] (ab128094)

Paraffin-embedded human prostate carcinoma tissue stained for PGM3 using ab128094 at 1/150 dilution in immunohistochemical analysis.



Flow Cytometry (Intracellular) - Anti-PGM3 antibody [OT1A11] (ab128094)

Flow cytometric analysis of HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) using ab128094 at 1/100 dilution.

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