

Product datasheet

Anti-PKLR antibody [1A5] ab117943

画像数 2

製品の概要

製品名	Anti-PKLR antibody [1A5]
製品の詳細	Mouse monoclonal [1A5] to PKLR
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: Human
免疫原	Recombinant full length Human PKLR (NP_000289) produced in HEK293T cell.
ポジティブ・コントロール	Extracts from HeLa, HT29 and COS7 cells; HEK293T cells transfected with the pCMV6-ENTRY PKLR
特記事項	Dilute in PBS (pH 7.3) before use.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: PBS, 1% BSA, 50% Glycerol
精製度	Protein G purified
特記事項(精製)	Purified from Mouse ascites fluids by affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	1A5
アイソタイプ	IgG1

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab117943** in the following tested applications.

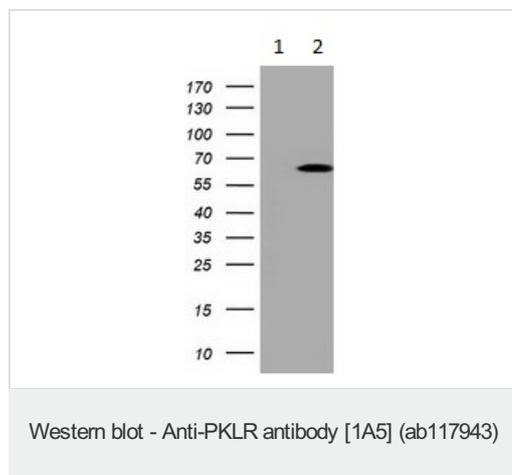
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500. Predicted molecular weight: 62 kDa.

ターゲット情報

機能	Plays a key role in glycolysis.
パスウェイ	Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 5/5.
関連疾患	Defects in PKLR are the cause of pyruvate kinase hyperactivity (PKHYP) [MIM:102900]; also known as high red cell ATP syndrome. This autosomal dominant phenotype is characterized by increase of red blood cell ATP. Defects in PKLR are the cause of pyruvate kinase deficiency of red cells (PKRD) [MIM:266200]. A frequent cause of hereditary non-spherocytic hemolytic anemia. Clinically, pyruvate kinase-deficient patients suffer from a highly variable degree of chronic hemolysis, ranging from severe neonatal jaundice and fatal anemia at birth, severe transfusion-dependent chronic hemolysis, moderate hemolysis with exacerbation during infection, to a fully compensated hemolysis without apparent anemia.
配列類似性	Belongs to the pyruvate kinase family.

画像



All lanes : Anti-PKLR antibody [1A5] (ab117943) at 1/500 dilution

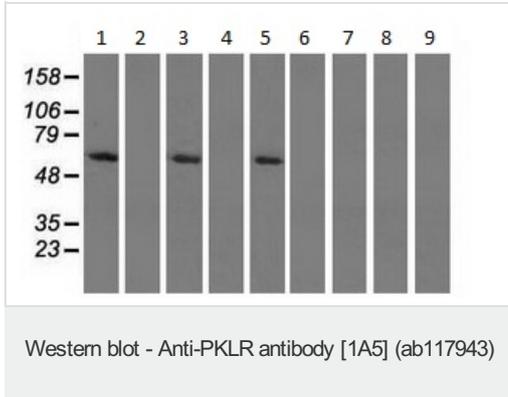
Lane 1 : HEK293T cells were transfected with the pCMV6-ENTRY control cDNA for 48 hrs and lysed.

Lane 2 : HEK293T cells were transfected with the pCMV6-ENTRY PKLR cDNA for 48 hrs and lysed

Lysates/proteins at 5 µg per lane.

Predicted band size: 62 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC206455)



All lanes : Anti-PKLR antibody [1A5] (ab117943) at 1/500 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HeLa cell extract

Lane 3 : HT29 cell extract

Lane 4 : A549 cell extract

Lane 5 : COS7 cell extract

Lane 6 : Jurkat cell extract

Lane 7 : MDCK cell extract

Lane 8 : PC12 cell extract

Lane 9 : MCF7 cell extract

Lysates/proteins at 35 µg per lane.

Predicted band size: 62 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC206455)

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