

Anti-fetal hemoglobin antibody [EPR9708(B)] ab137096

リコンビナント **RabMAb**

6 References [画像数 3](#)

製品の概要

製品名	Anti-fetal hemoglobin antibody [EPR9708(B)]
製品の詳細	Rabbit monoclonal [EPR9708(B)] to fetal hemoglobin
由来種	Rabbit
特異性	This antibody recognises Hemoglobin gamma-1/2 chain.
アプリケーション	適用あり: WB 適用なし: IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide within Human fetal hemoglobin. The exact sequence is proprietary.
ポジティブ・コントロール	WB: Human red blood cell and K562 cell lysates.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C.
バッファー	Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR9708(B)

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ab137096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		1/1000 - 1/10000. Predicted molecular weight: 16 kDa.

追加情報

Is unsuitable for IHC-P.

ターゲット情報

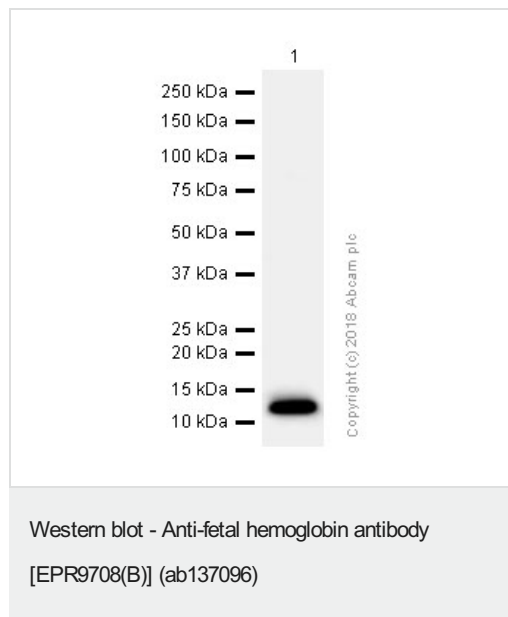
関連性

The gamma globin genes (HBG1 and HBG2) are normally expressed in the fetal liver, spleen and bone marrow. Two gamma chains together with two alpha chains constitute fetal hemoglobin (HbF) which is normally replaced by adult hemoglobin (HbA) at birth. In some beta-thalassemias and related conditions, gamma chain production continues into adulthood. The two types of gamma chains differ at residue 136 where glycine is found in the G-gamma product (HBG2) and alanine is found in the A-gamma product (HBG1). The former is predominant at birth. The order of the genes in the beta-globin cluster is: 5'-epsilon -- gamma-G -- gamma-A -- delta -- beta--3'

細胞内局在

Cytoplasmic

画像



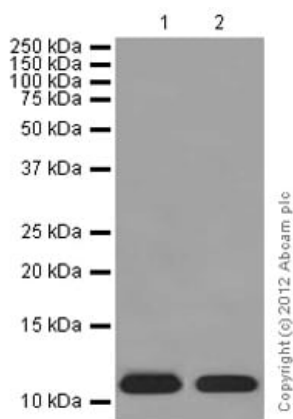
Anti-fetal hemoglobin antibody [EPR9708(B)] (ab137096) at
1/2000 dilution (Purified) + K-562 (Human chronic myelogenous
leukemia lymphoblast) whole cell lysates at 15 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 16 kDa

Observed band size: 13 kDa



Western blot - Anti-fetal hemoglobin antibody
[EPR9708(B)] (ab137096)

All lanes : Anti-fetal hemoglobin antibody [EPR9708(B)]
(ab137096) at 1/2000 dilution (Unpurified)

Lane 1 : Human red blood cell

Lane 2 : K562 (human lymphoblast from chronic myelogenous leukemia) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/1000 dilution

Predicted band size: 16 kDa

Blocking and Diluting Buffer:5% NFDM/TBST

Exposure time:3 min

Why choose a
recombinant antibody?



**Research with
confidence**
Consistent and
reproducible results



**Long-term and
scalable supply**
Recombinant
technology



**Success from the
first experiment**
Confirmed
specificity



**Ethical standards
compliant**
Animal-free
production

Anti-fetal hemoglobin antibody [EPR9708(B)]
(ab137096)

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

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