


Product datasheet

Anti-Hemoglobin subunit alpha antibody ab82871

★★★★★ 1 Abreviews 1 References 画像数 3

製品の概要

製品名	Anti-Hemoglobin subunit alpha antibody
製品の詳細	Rabbit polyclonal to Hemoglobin subunit alpha
由来種	Rabbit
アプリケーション	適用あり: IHC-P, WB
種交差性	交差種: Rat, Human 交差が予測される動物種: Chimpanzee, Monkey, Baboon, Macaque monkey, Rhesus monkey, Gorilla, Dolphin, Orangutan 
免疫原	Synthetic peptide corresponding to Human Hemoglobin subunit alpha aa 100 to the C-terminus (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH). (Peptide available as <a href="#">ab93083</a> , <a href="#">ab93083</a> )
ポジティブ・コントロール	This antibody gave a positive signal in human bone marrow and spleen tissue lysates.

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 or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab82871** in the following tested applications.

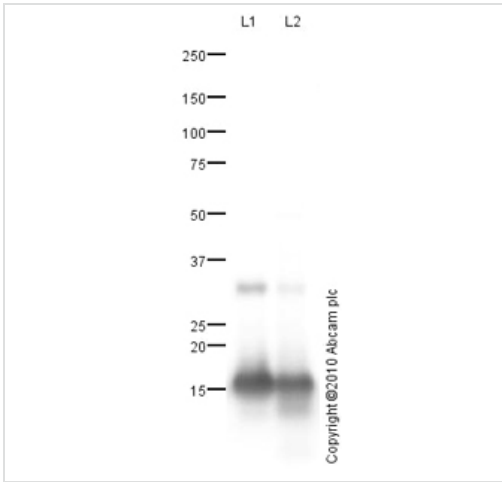
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★	Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		1/250. Detects a band of approximately 15 kDa (predicted molecular weight: 15 kDa).

## ターゲット情報

機能	Involved in oxygen transport from the lung to the various peripheral tissues.
組織特異性	Red blood cells.
関連疾患	Heinz body anemias Alpha-thalassemia Alpha(0)-thalassemia is associated with non-immune hydrops fetalis, a generalized edema of the fetus with fluid accumulation in the body cavities due to non-immune causes. Non-immune hydrops fetalis is not a diagnosis in itself but a symptom, a feature of many genetic disorders, and the end-stage of a wide variety of disorders. Hemoglobin H disease
配列類似性	Belongs to the globin family.
翻訳後修飾	The initiator Met is not cleaved in variant Thionville and is acetylated.

## 画像



Western blot - Anti-Hemoglobin subunit alpha antibody (ab82871)

**All lanes :** Anti-Hemoglobin subunit alpha antibody (ab82871) at 1/250 dilution

**Lane 1 :** Bone Marrow (Human) Tissue Lysate - adult normal tissue

**Lane 2 :** Human spleen tissue lysate - total protein (ab29699)

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

Developed using the ECL technique.

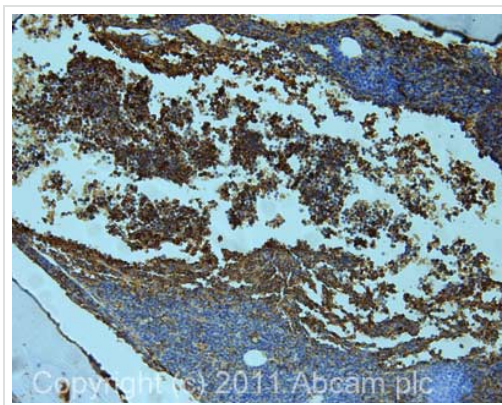
Performed under reducing conditions.

**Predicted band size:** 15 kDa

**Observed band size:** 15 kDa

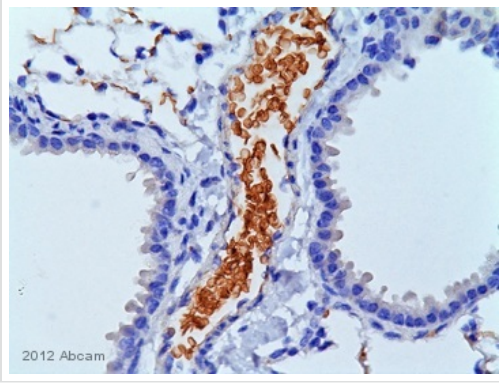
**Additional bands at:** 31 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 30 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hemoglobin subunit alpha antibody (ab82871)

IHC image of Hemoglobin A1c staining in human bone marrow formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab82871, 1 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hemoglobin subunit alpha antibody (ab82871)

This image is courtesy of an anonymous Abreview

**ab17976** staining Hemoglobin A1c in Rat Lung tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 1% BSA in PBS for 20 minutes at 25°C; antigen retrieval was by heat mediation in a citrate buffer pH6.0. Samples were incubated with primary antibody (1/100 in blocking buffer) for 1 hours at 25°C. An undiluted HRP-conjugated Goat anti-rabbit IgG polyclonal was used as the secondary antibody

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