

## Product datasheet

# Anti-Hemoglobin subunit alpha antibody [EP3607] ab109444

RabMAb<sup>®</sup>

画像数 3

### 製品の概要

製品名	Anti-Hemoglobin subunit alpha antibody [EP3607]
製品の詳細	Rabbit monoclonal [EP3607] to Hemoglobin subunit alpha
特異性	Mouse and rat tissues tested (lung and kidney) gave negative or low sensitivity staining in IHC-P. This antibody may not be suitable for IHC with mouse or rat samples. If you have any questions, please contact our Scientific Support team.
アプリケーション	<b>適用あり:</b> WB, IHC-P <b>適用なし:</b> Flow Cyt, ICC or IP
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	A synthetic peptide corresponding to residues in Human Hemoglobin subunit alpha.
ポジティブ・コントロール	WB: K562, fetal liver, and fetal heart lysates IHC-P: Human spleen and Human colon tissues
特記事項	Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EP3607
アイソタイプ	IgG

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab109444** in the following tested applications.

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

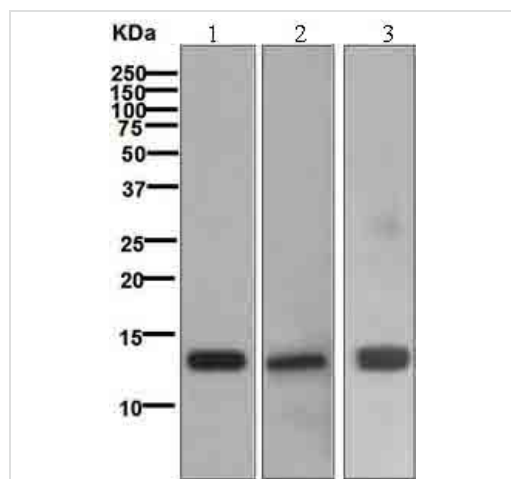
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 14 kDa (predicted molecular weight: 15 kDa).
IHC-P		1/250 - 1/500. Antigen retrieval is recommended.

**追加情報** Is unsuitable for Flow Cyt, ICC or IP.

### ターゲット情報

<b>機能</b>	Involved in oxygen transport from the lung to the various peripheral tissues.
<b>組織特異性</b>	Red blood cells.
<b>関連疾患</b>	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
<b>配列類似性</b>	Belongs to the globin family.
<b>翻訳後修飾</b>	The initiator Met is not cleaved in variant Thionville and is acetylated.

### 画像



Western blot - Hemoglobin subunit alpha antibody [EP3607] (ab109444)

**All lanes :** Anti-Hemoglobin subunit alpha antibody [EP3607] (ab109444) at 1/1000 dilution

**Lane 1 :** K562 lysate

**Lane 2 :** Fetal liver lysate

**Lane 3 :** Fetal heart lysates

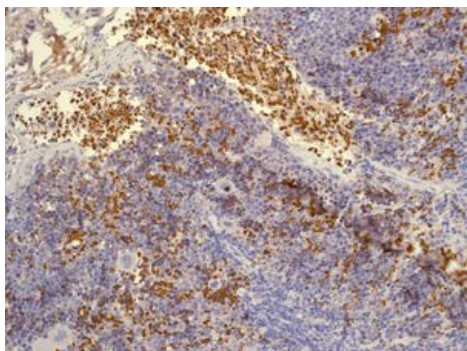
Lysates/proteins at 10 µg per lane.

#### Secondary

Standard HRP labelled goat anti-rabbit at 1/2000 dilution

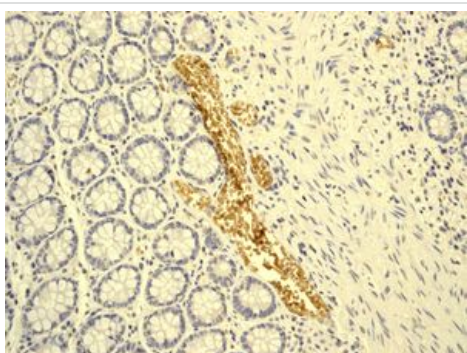
**Predicted band size :** 15 kDa

**Observed band size :** 14 kDa



Immunohistochemical analysis of Hemoglobin subunit alpha in paraffin embedded Human spleen tissue, using ab109444 at a 1/250 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Hemoglobin subunit alpha antibody [EP3607] (ab109444)



Immunohistochemical analysis of Hemoglobin subunit alpha in paraffin embedded Human colon tissue, using ab109444 at a 1/250 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Hemoglobin subunit alpha antibody [EP3607] (ab109444)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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