abcam

Product datasheet

Anti-EPO antibody [85] ab19485

2 References　画像数 1

製品の概要

製品名	Anti-EPO antibody [85]
製品の詳細	Mouse monoclonal [85] to EPO
由来種	Mouse
アプリケーション	**適用あり:** IHC-P, ELISA
種交差性	**交差種:** Human
免疫原	Purified CHO cell-expressed recombinant human EPO.
ポジティブ・コントロール	IHC-P: Human kidney FFPE tissue sections.

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 freeze / thaw cycles.
バッファー	Preservative: None Constituents: Lyophilized from: 0.01M PBS, pH 7.2
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	85
ミエローマ	Sp2/0-Ag14
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

Our Abpromise guarantee covers the use of **ab19485** 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

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ELISA		Use at an assay dependent concentration.

ターゲット情報

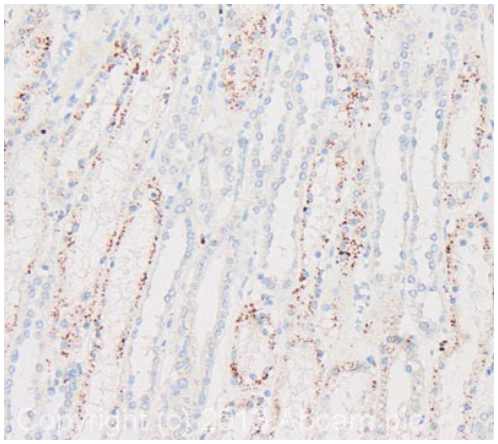
関連性

Human erythropoietin is member of the EPO/TPO family and encodes a secreted, glycosylated cytokine hormone composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. It is produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.

細胞内局在

Secreted

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-EPO antibody [85] (ab19485)

IHC image of EPO staining in human kidney 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 ab19485, 10µg/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.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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