

Anti-Cytochrome b5 antibody ab69801

★★★★★ 1 Abreviews 11 References 3 图像

概述	
产品名称	Anti-Cytochrome b5抗体
描述	兔多克隆抗体to Cytochrome b5
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF, IHC-P
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide derived from an internal region of Human Cytochrome b5.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS
纯度	Without Mg2+ and Ca2+
克隆	Immunogen affinity purified
同种型	多克隆 IgG
应用	

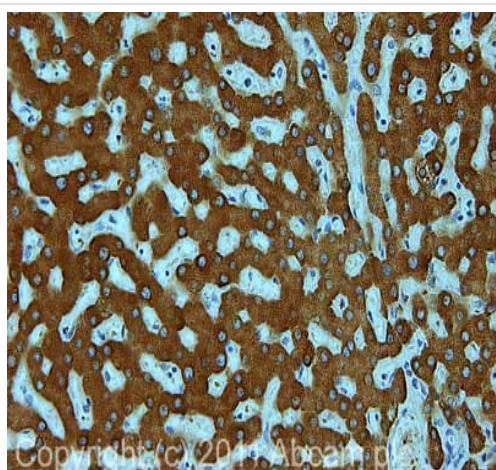
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (1)	1/500 - 1/1000. Detects a band of approximately 15 kDa (predicted molecular weight: 15 kDa).
ICC/IF		1/500 - 1/1000.
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

功能	Cytochrome b5 is a membrane bound hemoprotein which function as an electron carrier for several membrane bound oxygenases.
疾病相关	Defects in CYB5A are the cause of methemoglobinemia CYB5A-related (METHB-CYB5A) [MIM:250790]. A form of methemoglobinemia, a hematologic disease characterized by the presence of excessive amounts of methemoglobin in blood cells, resulting in decreased oxygen carrying capacity of the blood, cyanosis and hypoxia.
序列相似性	Belongs to the cytochrome b5 family. Contains 1 cytochrome b5 heme-binding domain.
细胞定位	Cytoplasm and Endoplasmic reticulum membrane. Microsome membrane.

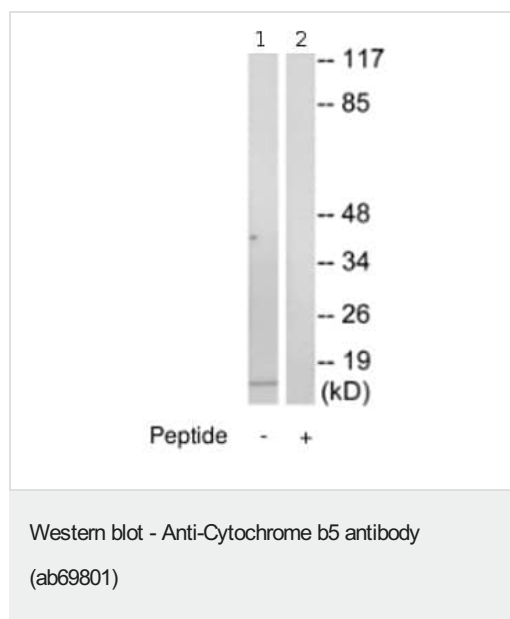
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytochrome b5 antibody (ab69801)

IHC image of ab69801 staining in human normal liver 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 ab69801, 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.

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.



All lanes : Anti-Cytochrome b5 antibody (ab69801) at 1/500 dilution

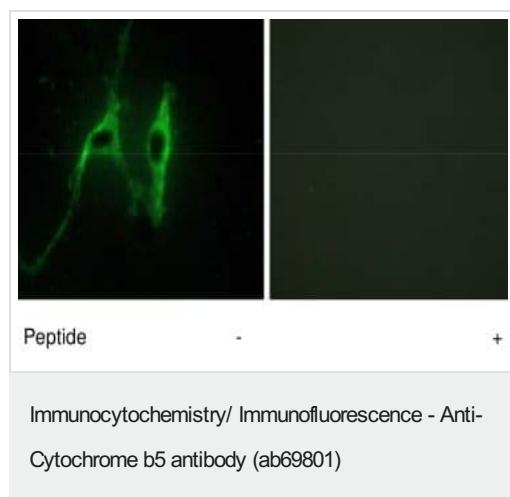
Lane 1 : extracts from A549 cells

Lane 2 : extracts from A549 cells with immunizing peptide at 10 µg

Lysates/proteins at 15 µg per lane.

Predicted band size: 15 kDa

Observed band size: 15 kDa



Left: NIH/3T3 cells stained with ab69801 at 1/500 dilution; Right: the antibody was pre-incubated with the immunizing peptide.

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