

Anti-SLIRP antibody [1E10BC8] ab119687

4 图像

概述

产品名称	Anti-SLIRP抗体[1E10BC8]
描述	小鼠单克隆抗体[1E10BC8] to SLIRP
宿主	Mouse
经测试应用	适用于: WB, Flow Cyt, ICC/IF, IHC-P
种属反应性	与反应: Human 不与反应: Mouse, Rat
免疫原	Synthetic peptide. This information is considered to be commercially sensitive.
阳性对照	This antibody gave a positive result in IHC in the following FFPE tissue: Human normal kidney.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: 99% HEPES buffered saline
纯度	Ammonium Sulphate Precipitation
纯化说明	Purity is near homogeneity as judged by SDS-PAGE. ab119687 was produced in vitro using hybridomas grown in serum-free medium, and then concentrated by ammonium sulfate precipitation.

克隆	单克隆
克隆编号	1E10BC8
同种型	IgG1
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab119687于以下的经测试应用

“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。

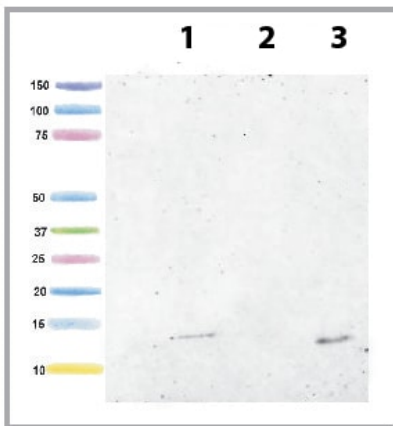
应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 12 kDa.
Flow Cyt		Use a concentration of 1 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC/IF		Use a concentration of 1 µg/ml.
IHC-P		Use a concentration of 5 µg/ml.

靶标

相关性 SLIRP is a RNA binding protein that acts as a nuclear receptor corepressor. It may act by binding the SRA RNA, and repressing the SRA-mediated nuclear receptor coactivation. SLIRP binds the STR7 loop of SRA RNA. It is also able to repress glucocorticoid (GR), androgen (AR), thyroid (TR) and VDR-mediated transactivation. It contains 1 RRM (RNA recognition motif) domain. SLIRP is predominantly found in mitochondrial with a limited role in the nucleus where it is recruited to nuclear receptor target promoters.

细胞定位 Mitochondrial and Nuclear; Predominantly mitochondrial.

图片



Western blot - Anti-SLIRP antibody [1E10BC8] (ab119687)

All lanes : Anti-SLIRP antibody [1E10BC8] (ab119687) at 1 µg/ml

Lane 1 : HepG2 lysate at 20 µg

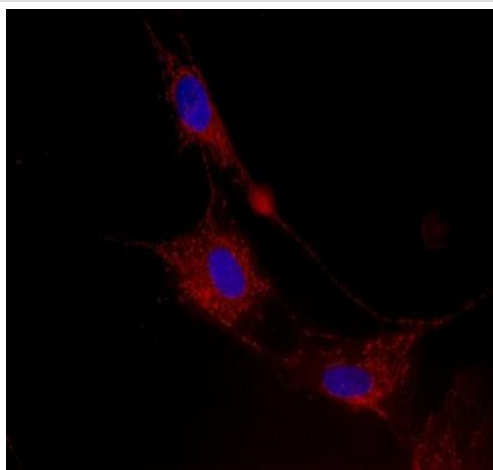
Lane 2 : fibroblast lysate at 20 µg/ml

Lane 3 : SLIRP recombinant protein at 0.01 µg

Secondary

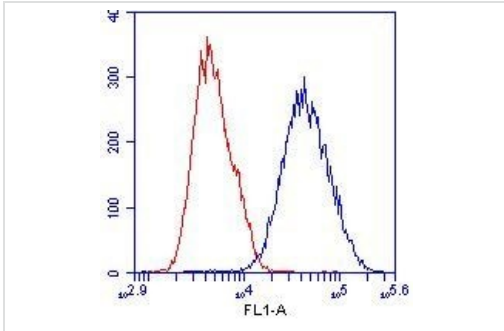
All lanes : Infra red fluorescence - Goat anti-mouse 800 at 1/5000 dilution

Predicted band size: 12 kDa



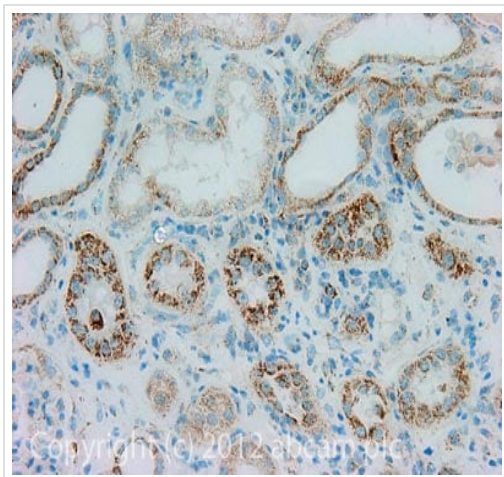
Immunocytochemistry/ Immunofluorescence - Anti-SLIRP antibody [1E10BC8] (ab119687)

Immunocytochemistry of ab119687 stained HDFn cells (human). The cells were paraformaldehyde fixed (4%, 20 min) and Triton X-100 permeabilized (0.1%, 15min). The cells were then incubated with the antibody (ab119687, 1µg/ml) for 2h at room temperature or over night at 4°C. The secondary antibody was (red) 594 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1h. 10% Goat serum was used as the blocking agent for all blocking steps. The target protein locates to the mitochondria.



Flow Cytometry - Anti-SLIRP antibody [1E10BC8] (ab119687)

Fibroblast (HDFn) cells were stained with 1 µg/mL SLIRP antibody (ab119687) (blue) or an equal amount of an isotype control antibody (red) and analyzed by flow cytometry.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SLIRP antibody [1E10BC8] (ab119687)

IHC image of SLIRP staining in Human normal 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 ab119687, 5 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.

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