

Anti-DLST antibody [9F4BD5] ab110306

★★★★★ **3 Abreviews** **2 References** **画像数 4**

製品の概要

製品名	Anti-DLST antibody [9F4BD5]
製品の詳細	Mouse monoclonal [9F4BD5] to DLST
由来種	Mouse
アプリケーション	適用あり: ICC/IF, Flow Cyt
種交差性	交差種: Human
免疫原	Full length native protein (purified). This information is considered to be commercially sensitive.
ポジティブ・コントロール	Human HDFn and HL-60 cells
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.5 Preservative: 0.02% Sodium azide Constituent: HEPES buffered saline
精製度	Proprietary Purification
特記事項(精製)	The purity of ab110306 is near homogeneity as judged by SDS-PAGE (purity >95%). The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by biochemical fractionation.
ポリ/モノ	モノクローナル

クローン名	9F4BD5
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

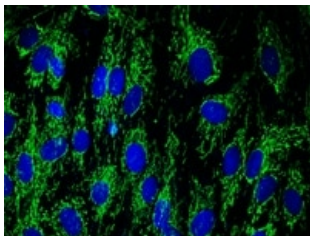
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab110306の使用に適用されず**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★☆ (1)	Use a concentration of 1 µg/ml.
Flow Cyt	★★★★☆ (1)	Use a concentration of 1 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

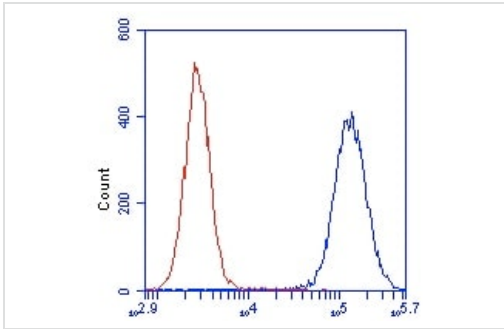
機能	The 2-oxoglutarate dehydrogenase complex catalyzes the overall conversion of 2-oxoglutarate to succinyl-CoA and CO(2). It contains multiple copies of 3 enzymatic components: 2-oxoglutarate dehydrogenase (E1), dihydrolipoamide succinyltransferase (E2) and lipoamide dehydrogenase (E3).
パスウェイ	Amino-acid degradation; L-lysine degradation via saccharopine pathway; glutaryl-CoA from L-lysine: step 6/6.
配列類似性	Belongs to the 2-oxoacid dehydrogenase family. Contains 1 lipoyl-binding domain.
細胞内局在	Mitochondrion.

画像



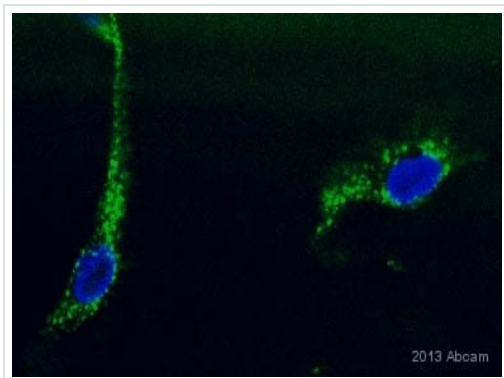
Immunocytochemistry/ Immunofluorescence - Anti-DLST antibody [9F4BD5] (ab110306)

Immunocytochemistry image of ab110306-stained Human HDFn cells. The cells were paraformaldehyde fixed (4%, 20 min) and Triton X-100 permeabilized (0.1%, 15 min). Cells were then incubated with ab110306 at 1 µg/ml for 2 h at room temperature or over night at 4°C. The secondary antibody was (green) Alexa Fluor® 488 goat anti-mouse IgG (H+L) used at a 1/1000 dilution for 1 h. 10% Goat serum was used as the blocking agent for all blocking steps. DAPI was used to stain the cell nuclei (blue). Target protein locates mainly in mitochondria.



Flow Cytometry - Anti-DLST antibody [9F4BD5] (ab110306)

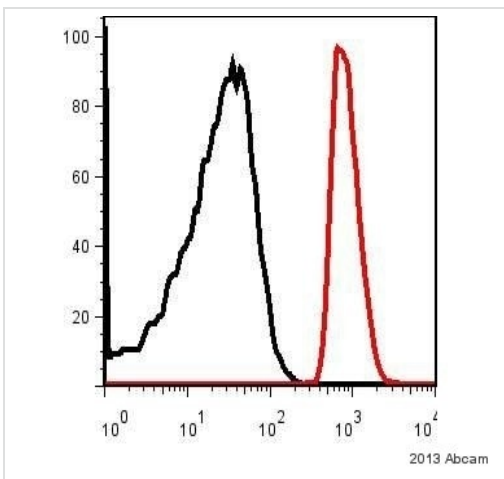
HL-60 cells were stained with 1 µg/mL ab110306 (blue) or an equal amount of an isotype control antibody (red) and analyzed by Flow Cytometry.



Immunocytochemistry/ Immunofluorescence - Anti-DLST antibody [9F4BD5] (ab110306)

This image is courtesy of an anonymous Abreview

ab110306 staining DLST in Human monocyte-derived macrophages by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde, permeabilized with Triton X-100 0.1% and blocked with 5% Goat serum for 60 minutes at 21°C. Samples were incubated with primary antibody (1/1000 in PBS + 1% BSA) for 12 hours at 4°C. A Cy2®-conjugated Goat anti-mouse IgG polyclonal was used as the secondary antibody.



Flow Cytometry - Anti-DLST antibody [9F4BD5] (ab110306)

This image is courtesy of an anonymous Abreview

ab110306 staining DLST in Human monocyte-derived macrophages by Flow Cytometry. Cells were prepared by scraoing in PBS and fixation by paraformaldehyde. The sample was incubated with the primary antibody (1/1000 in PBS + 1% BSA) for 60 minutes at 4°C. An Alexa Fluor®488-conjugated Goat anti-mouse IgG polyclonal(1/100) was used as the secondary antibody.

Gating Strategy: Dead cells excluded.

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