

Product datasheet

Anti-DECR1 antibody [8B1AD10] ab110287

画像数 4

製品の概要

| | |
|--------------|--|
| 製品名 | Anti-DECR1 antibody [8B1AD10] |
| 製品の詳細 | Mouse monoclonal [8B1AD10] to DECR1 |
| 由来種 | Mouse |
| アプリケーション | 適用あり: IP, ICC/IF, IHC-P, In-Cell ELISA, Flow Cyt |
| 種交差性 | 交差種: Human |
| 免疫原 | Human liver mitochondria. |
| ポジティブ・コントロール | MRC5 fibroblasts; Human cerebellum tissue; Human liver mitochondria; HeLa cells. |
| 特記事項 | This antibody clone is manufactured by Abcam. Product was previously marketed under the MitoSciences sub-brand. If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact orders@abcam.com or you can find further information here . |

製品の特性

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|----------|--|
| 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 | Preservative: 0.02% Sodium azide Constituent: HBS |
| 精製度 | Ammonium Sulphate Precipitation |
| 特記事項(精製) | Purity near homogeneity as judge by SDS-PAGE. 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 | 8B1AD10 |
| 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 **ab110287** in the following tested applications.

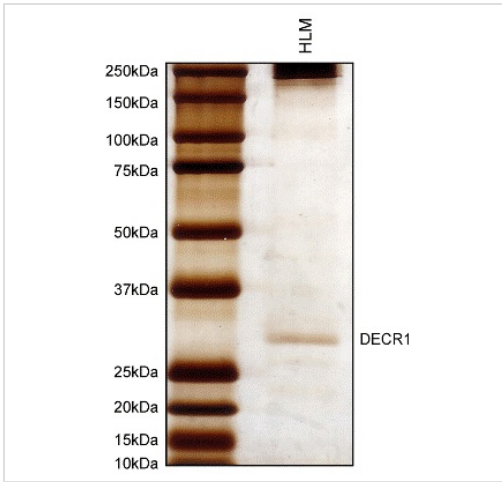
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| アプリケーション | Abreviews | 特記事項 |
|---------------|-----------|--|
| IP | | Use at an assay dependent concentration. This antibody will only immunoprecipitate DECR1 from isolated mitochondria. |
| ICC/IF | | Use a concentration of 1 µg/ml. |
| IHC-P | | Use at an assay dependent concentration. Perform heat mediated antigen retrieval - 1 min pressure cook in 1mmol EDTA pH8. |
| In-Cell ELISA | | Use a concentration of 4 µg/ml. (0.4 µg/well) |
| Flow Cyt | | 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

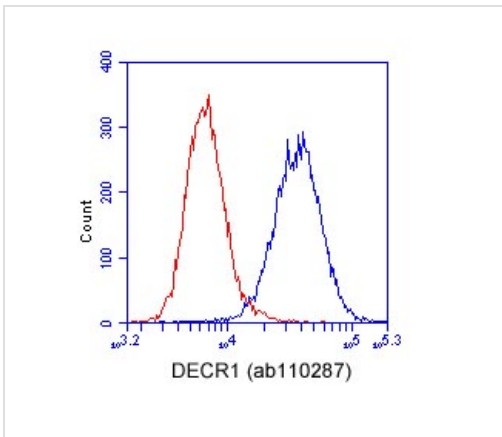
| | |
|-------|---|
| 機能 | Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. |
| 組織特異性 | Heart = liver = pancreas > kidney >> skeletal muscle = lung. |
| 配列類似性 | Belongs to the short-chain dehydrogenases/reductases (SDR) family. 2,4-dienoyl-CoA reductase subfamily. |
| 細胞内局在 | Mitochondrion. |

画像



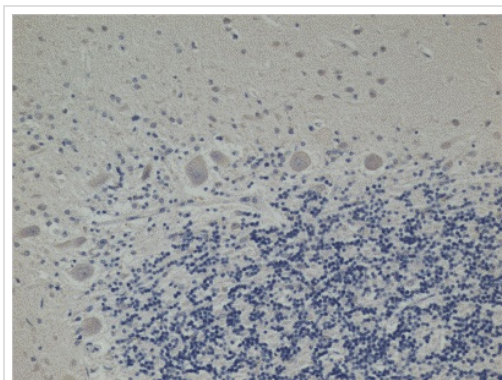
DECR1 immunocaptured from human liver mitochondria using ab110287.

Immunoprecipitation - Anti-DECR1 antibody [8B1AD10] (ab110287)



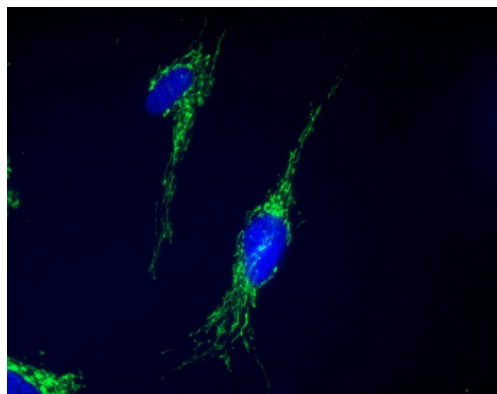
HeLa cells were stained with 1 µg/mL ab110287 (blue) or an equal amount of an isotype control antibody (red) and analyzed by flow cytometry.

Flow Cytometry - DECR1 antibody [8B1AD10] (ab110287)



ab110287 staining DECR1 in formalin-fixed, paraffin-embedded Human cerebellum tissue by Immunohistochemistry. DECR1 immunoactivity is most intense in neuronal cell bodies, most notably in the large Purkinje cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DECR1 antibody [8B1AD10] (ab110287)



MRC5 fibroblasts labeled with 1 $\mu\text{g}/\text{ml}$ ab110287 and detected with goat anti-mouse secondary conjugated to FITC.

Immunocytochemistry/ Immunofluorescence - Anti-DEC1 antibody [8B1AD10] (ab110287)

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