

## 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     | <b>適用あり:</b> IP, ICC/IF, IHC-P, In-Cell ELISA, Flow Cyt  |
| 種交差性         | <b>交差種:</b> 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.<br>Product was previously marketed under the MitoSciences sub-brand.<br>If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a> or you can find further information <a href="#">here</a> . |

### 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     | Preservative: 0.02% Sodium azide<br>Constituent: HEPES buffered saline   |
| 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.

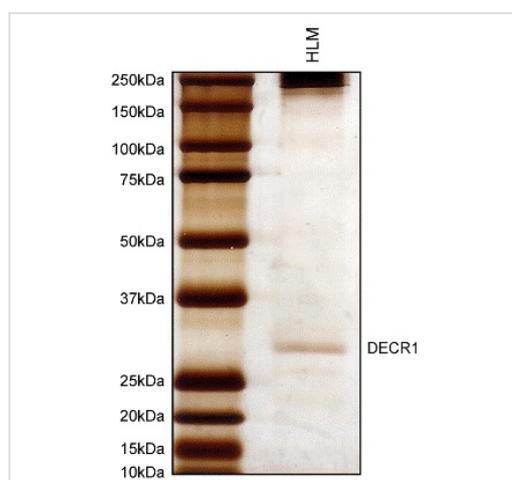
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 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.<br><a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

## ターゲット情報

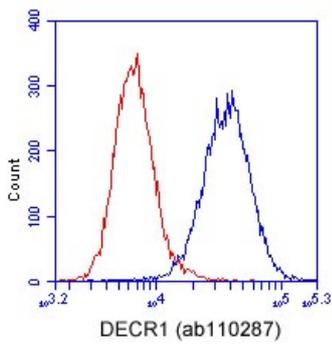
|       |   |
|-------|---|
| 機能    | Auxiliary enzyme of beta-oxidation. It participates in the metabolism of unsaturated fatty enoyl-CoA esters having double bonds in both even- and odd-numbered positions. Catalyzes the NADP-dependent reduction of 2,4-dienoyl-CoA to yield trans-3-enoyl-CoA. |
| 組織特異性 | 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



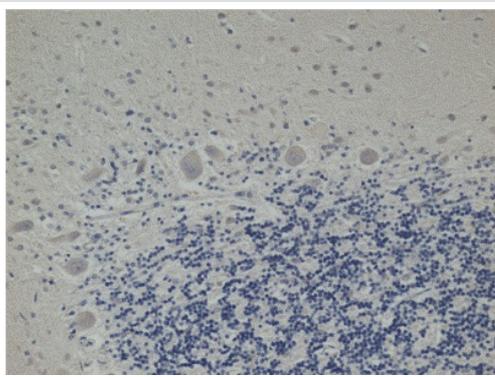
DECR1 immunocaptured from human liver mitochondria using [ab110287](#).

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



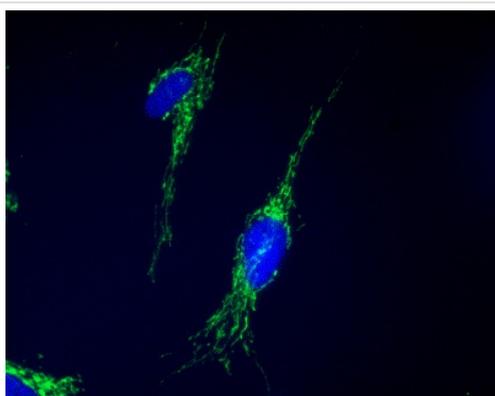
Flow Cytometry - Anti-DEC1 antibody [8B1AD10] (ab110287)

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.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-DEC1 antibody [8B1AD10] (ab110287)

ab110287 staining DEC1 in formalin-fixed, paraffin-embedded Human cerebellum tissue by Immunohistochemistry. DEC1 immunoactivity is most intense in neuronal cell bodies, most notably in the large Purkinje cells.



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

MRC5 fibroblasts labeled with 1 µg/ml ab110287 and detected with goat anti-mouse secondary conjugated to FITC.

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