

# Native Human Serum Albumin protein (FITC) ab8030

## 9 References

医薬用外毒物

### 製品の詳細

|             |   |
|-------------|---|
| 製品名         | Native Human Serum Albumin protein (FITC)       |
| 発現系         | Native  |
| アクセッション番号   | <b>P02768</b>                                   |
| タンパク質長      | Full length protein                             |
| Animal free | No  |
| 由来          | Native  |
| 生物種         | Human   |
| 予測される分子量    | 69 kDa  |
| 標識          | FITC. Ex: 493nm, Em: 528nm                      |
| 製品の詳細       | Native Human Human Serum Albumin protein (FITC) |

### 特性

Our **Abpromise guarantee** covers the use of **ab8030** in the following tested applications.

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

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|----------|---|
| アプリケーション | Dot blot<br>Western blot  |
| 製品の状態    | Lyophilized   |
| 備考       | Fluorochrome/Protein Ratio: 1.5 moles FITC per mole of Human Albumin.<br>AB8030 contains Polyethylene glycol at 10 mg/mL as a stabilizer. |

### 前処理および保存

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|------------|--|
| 保存方法および安定性 | Shipped at 4°C. Store at 4°C prior to reconstitution. Store at -20°C long term. Avoid freeze / thaw cycle. Reconstitute for long term storage.<br>Preservative: 0.01% Sodium azide<br>Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride, 1% Polyethylene glycol |
| 再構成        | Reconstitute with 1.0 mL of deionized water  |

## 関連情報

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| 機能    | Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca(2+), Na(+), K(+), fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc. |
| 組織特異性 | Plasma.  |
| 関連疾患  | Defects in ALB are a cause of familial dysalbuminemic hyperthyroxinemia (FDH) [MIM:103600]. FDH is a form of euthyroid hyperthyroxinemia that is due to increased affinity of ALB for T(4). It is the most common cause of inherited euthyroid hyperthyroxinemia in Caucasian population.                          |
| 配列類似性 | Belongs to the ALB/AFP/VDB family.<br>Contains 3 albumin domains.  |
| 翻訳後修飾 | Kenitra variant is partially O-glycosylated at Thr-620. It has two new disulfide bonds Cys-600 to Cys-602 and Cys-601 to Cys-606.<br>Glycated in diabetic patients.<br>Phosphorylation sites are present in the extracellular medium.<br>Acetylated on Lys-223 by acetylsalicylic acid.                            |
| 細胞内局在 | Secreted.  |

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