

## Product datasheet

# Native Human Serum Albumin protein (FITC) ab8030

### 6 References

#### 描述

产品名称	Native人Serum Albumin蛋白(FITC)
表达系统	Native
Accession	<a href="#">P02768</a>
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Human
预测分子量	69 kDa
偶联物	FITC. Ex: 493nm, Em: 528nm
描述	Native人Serum Albumin蛋白(FITC)

#### 技术指标

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.

应用	Dot blot Western blot
形式	Lyophilized
补充说明	Fluorochrome/Protein Ratio: 1.5 moles FITC per mole of Human Albumin. AB8030 contains Polyethylene glycol at 10 mg/mL as a stabilizer.

#### 制备和贮存

稳定性和存储	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. Preservative: 0.01% Sodium azide Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride, 1% Polyethylene glycol
复溶	Reconstitute with 1.0 mL of deionized water

## 常规信息

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<b>功能</b>	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.
<b>组织特异性</b>	Plasma.
<b>疾病相关</b>	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.
<b>序列相似性</b>	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
<b>翻译后修饰</b>	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. Glycated in diabetic patients. Phosphorylation sites are present in the extracellular medium. Acetylated on Lys-223 by acetylsalicylic acid.
<b>细胞定位</b>	Secreted.

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