

## Product datasheet

# Anti-Human Serum Albumin antibody [15C7] ab18078

### 概述

产品名称	抗人Serum Albumin抗体[15C7]
描述	小鼠单克隆抗体[15C7]到人Serum Albumin
宿主	Mouse
特异性	Recognizes human serum albumin in serum and urine. No crossreactivity with other human proteins tested. Does not crossreact with BSA or ovalbumin. The clone number has been updated from (2B3) to (15C7) both clone numbers name the same antibody clone.
经测试应用	适用于: ELISA, WB
种属反应性	与反应: Human
免疫原	Full length native protein (purified) (Human).

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.01% Sodium Azide Constituents: 40% Glycerol, PBS, pH 7.4
纯度	Protein A purified
克隆	单克隆
克隆编号	15C7
骨髓瘤	Sp2/0
同种型	IgG2b

### 应用

Our [Abpromise guarantee](#) covers the use of **ab18078** in the following tested applications.

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

应用	Ab评论	说明
ELISA		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution. Predicted molecular weight: 73 kDa.

## 靶标

---

功能	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.
组织特异性	Plasma.
疾病相关	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.
序列相似性	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
翻译后修饰	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.
细胞定位	Secreted.

---

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors