

## Product datasheet

# Anti-Human Serum Albumin antibody ab19180

## 5 References

### Overview

---

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-Human Serum Albumin antibody  |
| <b>Description</b>         | Goat polyclonal to Human Serum Albumin   |
| <b>Host species</b>        | Goat   |
| <b>Tested applications</b> | <b>Suitable for:</b> ICC, ELISA, WB  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human  |
| <b>Immunogen</b>           | Full length protein corresponding to Human Human Serum Albumin. Serum albumin<br>Database link: <a href="#">P02768</a> |

### General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### Properties

---

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 6.8<br>Preservative: 0.1% Sodium azide<br>Constituent: PBS  |
| <b>Purity</b>               | Immunogen affinity purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

### Applications

---

#### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab19180 in the following tested applications.

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

| Application | Abreviews | Notes                                    |
|-------------|-----------|--|
| ICC         |           | Use at an assay dependent concentration. |
| ELISA       |           | Use at an assay dependent concentration. |
| WB          |           | Use at an assay dependent concentration. |

## Target

|   |  |
|---|--|
| <b>Function</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>Tissue specificity</b>               | Plasma.  |
| <b>Involvement in disease</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>Sequence similarities</b>            | Belongs to the ALB/AFP/VDB family.<br>Contains 3 albumin domains.  |
| <b>Post-translational modifications</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.<br>Glycated in diabetic patients.<br>Phosphorylation sites are present in the extracellular medium.<br>Acetylated on Lys-223 by acetylsalicylic acid.                            |
| <b>Cellular localization</b>            | Secreted.  |

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## 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.com/abpromise> or contact our technical team.

## Terms and conditions

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