

Anti-Human Serum Albumin antibody [15C7] ab10241

★★★★★ [7 Abreviews](#) [39 References](#) [4 图像](#)

概述

产品名称	抗人Serum Albumin抗体[15C7]
描述	小鼠单克隆抗体[15C7] to人Serum Albumin
宿主	Mouse
特异性	No cross-reactivity with other human proteins tested. Does not react with bovine serum albumin, egg white albumin or human alpha fetoprotein.
经测试应用	适用于: WB, Sandwich ELISA, Dot blot
种属反应性	与反应: Human 不与反应: Chicken, Cow
免疫原	Full length native protein (purified) corresponding to Human Serum Albumin. Database link: P02768
常规说明	Concentration varies from lot to lot and can be provided on request. This product was changed from ascites to tissue culture supernatant on 17th October 2017 and product received after this date will be from tissue culture supernatant. 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

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	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
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

The Abpromise guarantee **Abpromise™**承诺保证使用ab10241于以下的经测试应用

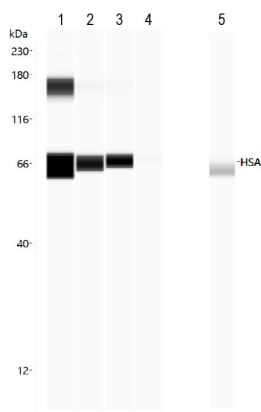
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (2)	Use at an assay dependent concentration. Predicted molecular weight: 65 kDa.
Sandwich ELISA		Use a concentration of 1 µg/ml. Can be paired for Sandwich ELISA with <u>Rabbit polyclonal to Human Serum Albumin (ab2406)</u> .
Dot blot		Use at an assay dependent concentration.

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.

图片



Dot Blot - Anti-Human Serum Albumin antibody
[15C7] (ab10241)

Dot Blot - Anti-Human Serum Albumin antibody [15C7] (ab10241)

Lane 1: HSA 0.5 mg/ml

Lane 2: HSA 0.25 mg/ml

Lane 3: HSA 0.1 mg/ml

Lane 4: HSA 0.01 mg/ml

Lane 5: BSA 0.5 mg/ml



Western blot - Anti-Human Serum Albumin antibody
[15C7] (ab10241)

This image is courtesy of an Abreview submitted by
John Andersen

Anti-Human Serum Albumin antibody [15C7] (ab10241) at 1/2000
dilution (in 5% milk for 1 hour) + Human blood serum at 2 μ g

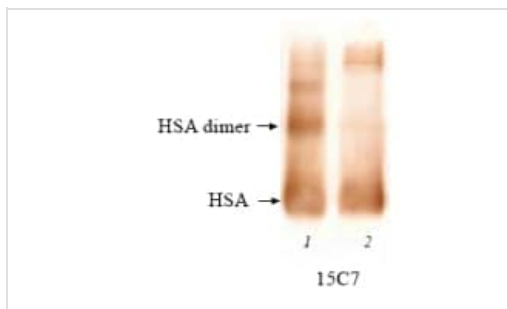
Secondary

anti-mouse IgG (H&L)

Developed using the ECL technique.

Predicted band size: 65 kDa

Exposure time: 5 seconds

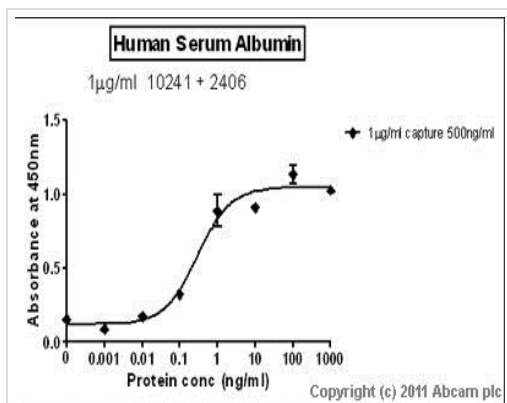


Western blot - Anti-Human Serum Albumin antibody
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Detection of Human Serum Albumin by ab10241 in western blotting.

Lane 1 - human serum albumin, 3 µg.

Lane 2 - normal human serum, ~3 µg of human serum albumin.



Sandwich ELISA - Anti-Human Serum Albumin
antibody [15C7] (ab10241)

Standard Curve for Human Serum Albumin (Analyte: Human Serum Albumin protein (**ab67670**)); dilution range 1pg/ml to 1µg/ml using Capture Antibody Mouse monoclonal [15C7] to Human Serum Albumin (ab10241) at 1µg/ml and Detector Antibody Rabbit polyclonal to Human Serum Albumin (**ab2406**) at 0.5µg/ml.

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