



A1BG (Alpha-1-B glycoprotein)

Catalog number

029926

Supplier

United States Biological

A1BG is a plasma glycoprotein of unknown function. It shows sequence similarity to the variable regions of some immunoglobulin supergene family member proteins. A1BG was recently shown to bind cysteine rich secretory protein 3 (CRISP 3) with high affinity, and it has been suggested that A1BG protects against the potentially toxic effects of CRISP 3 in the circulation.

Applications

Western Blotting: 1:500-1:2000.

Immunohistochemistry: 1:200-1:1000.

ELISA: Suggested dilution 1:10000.

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

Purified recombinant fragment of human A1BG expressed in E. coli.

Formulation

Ascites fluid, 0.03% sodium azide.

Purity

Ascites

Specificity

Human

Product Type

Mab

Source

human

Isotype

IgG1

Grade

Ascites

Applications

For in vitro research use only, not for human or veterinary diagnostic or medical use

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E IHC WB

Crossreactivity

Hu

Storage

-20°C

MW

54

Reference

1. Hum Genet. 1987 Jun;76(2):111-5.
2. Proteomics. 2004 Feb;4(2):454-65.
3. BMC Cancer. 2008 Aug 16;8:241.