

A1BG Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1378a

Product Information

Application	WB, IHC, E
Primary Accession	P04217
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4B5
Isotype	IgG1
Calculated MW	54254
Description	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.
Immunogen	Purified recombinant fragment of human A1BG expressed in E. Coli.
Formulation	Ascitic fluid containing 0.03% sodium azide.

Additional Information

Gene ID	1
Other Names	Alpha-1B-glycoprotein, Alpha-1-B glycoprotein, A1BG
Dilution	WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	A1BG Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	A1BG
Cellular Location	Secreted.

References

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.

Images

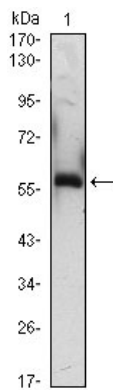


Figure 1: Western blot analysis using A1BG mouse mAb against A1BG(AA: 320-495)-hIgGfc transfected HEK293 (1)cell lysate.

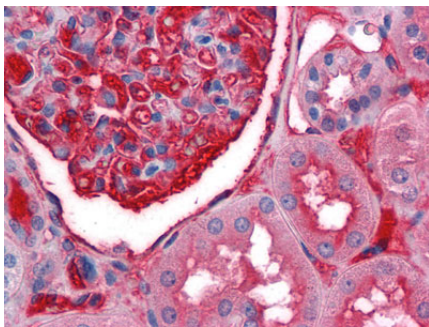


Figure 2: Immunohistochemical analysis of paraffin-embedded human Kidney tissues using anti-A1BG mouse mAb

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.