Monoclonal Anti- Albumin Bovine, BSA

Catalog# BMA1003

Lot # Check on the product label

Size 100 μg

Isotype IgG1

Clone # D8-2

Host Mouse

Reactivity
Bovine

Product Form Liquid

Purification Protein A purified

Immunogen
Protein

Recommend Application
Western Blot, WB (1:200-500)
Other applications have not been tested.
The optimal dilutions should be determined by end user.

Storage Buffer
1*PBS (pH7.4), 0.2% BSA, 40% Glycerol and 0.05% Sodium Azide.

Storage Instruction
Store at 4°C after thawing (1 week). Aliquot and store at -20°C for long term (at least one year).
Avoid repeated freeze and thaw cycles.

Background
Serum albumin (also known as BSA or "Fraction V") is a serum albumin protein derived from cows. [1] It is composed of 585 amino acid residues, and its molecular weight is about 66.5KDa. The BSA is the main protein of plasma, and it has a good binding capacity for water, Ca2+, Na+, K+, fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. It is often used as a protein concentration standard, and it has numerous biochemical applications including ELISAs (Enzyme-Linked Immunosorbent Assay), immunoblots, and immunohistochemistry.

Reference
1. Peters T (1975). Putman FW. ed. The Plasma Proteins. Academic Press. pp. 133–181.
2. Brown J.R.; "Structure of serum albumin: disulfide bridges."; Fed. Proc. 33:1389-1389(1974).
3. Carraway R.E., Mitra S.P., Cochrane D.E.; "Structure of a biologically active neurotensin-related peptide obtained from pepsin-treated albumin(s)."; J. Biol. Chem. 262:5968-5973(1987).

Chongqing Biospes Co., Ltd Tel: +86-23-67567091 Fax: +86-23-67745923
7F, Bldg B, High-tech Venture Park, # 107 Erlang Chuangye Rd, Jiulongpo District, Chongqing, 400039, China
www.biospes.com