BSA (A23-A/D3): sc-65701



The Power to Overtin

BACKGROUND

Bovine serum albumin (BSA) is an abundant plasma protein in cows that is important for maintaining osmotic pressure in blood plasma for proper distribution of body fluids between intravascular compartments and body tissues. BSA is a common buffer component for immunoglobulin type assays due to good solubility characteristics for water, Ca²⁺, Na⁺, K⁺, fatty acids, hormones and bilirubin. BSA makes up about half of the protein in plasma and represents the most stable and soluble protein in the plasma. It is a suitable reagent for laboratories developing immunoassays, mostly due to its availability, solubility and the numerous functional groups present for coupling. The BSA component contains several lysines that are capable of reacting with conjugation sites of linkers, making it applicable as a carrier protein for antigenic compounds.

REFERENCES

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- Fuchtenbusch, M., et al. 1997. Antibodies to bovine serum albumin (BSA) in type 1 diabetes and other autoimmune disorders. Exp. Clin. Endocrinol. Diabetes 105: 86-91.
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SOURCE

BSA (A23-A/D3) is a mouse monoclonal antibody raised against purified bovine serum albumin.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PRODUCT

Each vial contains 200 μg lgG_{2a} in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

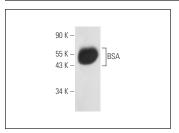
APPLICATIONS

BSA (A23-A/D3) is recommended for detection of Bovine Serum Albumin of bovine origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)] and immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500).

Molecular Weight of BSA: 67 kDa.

Positive Controls: EBTr cell lysate: sc-24669, Bovine Serum Albumin (BSA): sc-2323 or Bovine PBL whole cell lysate.

DATA



BSA (A23-A/D3): sc-65701. Western blot analysis of

SELECT PRODUCT CITATIONS

 Raheja, R., et al. 2014. The ability of TRIM3 to induce growth arrest depends on RING-dependent E3 ligase activity. Biochem. J. 458: 537-545.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

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