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36-3684: Anti-BSA (Bovine Serum Albumin) Monoclonal Antibody(Clone: SPM376)

Clonality :	Monoclonal
Clone Name :	SPM376
Application :	ELISA
Gene ID :	280717
Uniprot ID :	P02769
Alternative Name :	ALB; BSA; Growth inhibiting protein 20
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Purified bovine serum albumin

Description

Reacts with a protein of ~66kDa, identified as bovine serum albumin (BSA). It is a high affinity antibody and can be used for detection of traces of BSA. 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 conjÂµgation sites of linkers, making it applicable as a carrier protein for antigenic compounds.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% azide. Also available WITHOUT azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating use Ab at 1-5ug/ml);

For Research Use Only. Not for use in diagnostic/therapeutics procedures.