

## BSA (Bovine Serum Albumin) Antibody

Mouse Monoclonal Antibody [Clone SPM376]

Catalog No	Format	Size
CW280717-MSM1X-P0	Purified Ab with BSA and Azide	200ug/ml
CW280717-MSM1X-P1	Purified Ab with BSA and Azide	200ug/ml
CW280717-MSM1X-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

Applications	Tested Dillution
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### Product Details

Clone	SPM376
Immunogen	Purified bovine serum albumin
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	66kDa
Cellular Localization	Secreted
Species Reactivity	Cow
Positive Control	Bovine serum albumin. Cow liver.

*\*Optimal dilution for a specific application should be determined.*

### Product Images for BSA (Bovine Serum Albumin) Antibody

#### Specificity & Comments

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, Ca<sup>2+</sup>, Na<sup>+</sup>, K<sup>+</sup>, 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.

#### Known Applications & Suggested Dilutions

ELISA (For coating use Ab at 1-5ug/ml) | Optimal dilution for a specific application should be determined.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

#### Supplied As

200ug/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 and Stability

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. No MSDS required.