

# Product Datasheet

## Bovine Serum Albumin Antibody (SPM376) - BSA Free NBP2-45172-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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**NBP2-45172-0.1mg**

Bovine Serum Albumin Antibody (SPM376) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SPM376
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM PBS
<b>Target Molecular Weight</b>	66 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	280717
<b>Gene Symbol</b>	ALB
<b>Species</b>	Bovine, Canine (Negative), Guinea Pig (Negative), Human (Negative), Rabbit (Negative)
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	Purified bovine serum albumin
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	ELISA For coating use antibody at 1-5 ug/ml.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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