# BSA Antibody / Bovine Serum Albumin [clone ALB/398] (V3048)

| Catalog No. | Formulation | Size |
|---|---|---|
| V3048-100UG | 0.2 mg/ml in 1X PBS with 0.05% sodium azide | 100 ug |
| V3048-20UG | 0.2 mg/ml in 1X PBS with 0.05% sodium azide | 20 ug |
| V3048SAF-100UG | 1 mg/ml in 1X PBS; sodium azide free | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Cow |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG1, kappa |
| **Clone Name** | ALB/398 |
| **Purity** | Protein G affinity chromatography |
| **UniProt** | P02769 (Cow) |
| **Localization** | Cytoplasmic, extracellular (secreted) |
| **Applications** | ELISA : 1-5ug/ml |
| **Limitations** | This BSA antibody is available for research use only. |



## 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 conjugation sites of linkers, making it applicable as a carrier protein for antigenic compounds.

## Application Notes

Optimal dilution of the BSA antibody should be determined by the researcher.

## Immunogen

Purified bovine serum albumin was used as the immunogen for the BSA antibody.

## Storage

Store the BSA antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).


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