

**Bovine Serum Albumin Rabbit mAb**  
Catalog # AP78682**Specification****Bovine Serum Albumin Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P02768</a>
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	69367

**Bovine Serum Albumin Rabbit mAb - Additional Information**

Gene ID 213

**Other Names**

Alb

**Dilution**

WB~~1/500-1/1000

IHC~~1/100-1/200

**Format**

Liquid

**Bovine Serum Albumin Rabbit mAb - Protein Information**

Name ALB

**Function**

Binds water, Ca(2+), Na(+), K(+), fatty acids, hormones, bilirubin and drugs (Probable). Its main function is the regulation of the colloidal osmotic pressure of blood (Probable). Major zinc transporter in plasma, typically binds about 80% of all plasma zinc (PubMed:<a href="http://www.uniprot.org/citations/19021548" target="\_blank">19021548</a>). Major calcium and magnesium transporter in plasma, binds approximately 45% of circulating calcium and magnesium in plasma (By similarity). Potentially has more than two calcium-binding sites and might additionally bind calcium in a non-specific manner (By similarity). The shared binding site between zinc and calcium at residue Asp-273 suggests a crosstalk between zinc and calcium transport in the blood (By similarity). The rank order of affinity is zinc > calcium > magnesium (By similarity). Binds to the bacterial siderophore enterobactin and inhibits enterobactin-mediated iron uptake of E.coli from ferric transferrin, and may thereby limit the utilization of iron and growth of enteric bacteria such as E.coli (PubMed:<a href="http://www.uniprot.org/citations/6234017" target="\_blank">6234017</a>). Does not prevent iron uptake by the bacterial siderophore aerobactin (PubMed:<a href="http://www.uniprot.org/citations/6234017" target="\_blank">6234017</a>).

**Cellular Location**

Secreted.

**Tissue Location**

Plasma.

**Bovine Serum Albumin Rabbit mAb - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Bovine Serum Albumin Rabbit mAb - Images**



