

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

Application	WB, IHC
Primary Accession	P02768
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:19021548). 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:6234017). Does not prevent iron uptake by the bacterial siderophore aerobactin (PubMed:6234017).

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



