

Anti-ALB / Serum Albumin Antibody (clone HSA20)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS18273**Specification**

Anti-ALB / Serum Albumin Antibody (clone HSA20) - Product Information

Application	WB, IHC-P, E
Primary Accession	P02768
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	69367

Anti-ALB / Serum Albumin Antibody (clone HSA20) - Additional Information**Gene ID 213**Alias Symbol **ALB****Other Names**

ALB, Albumin (32 AA), Albumin (AA 34), Albumin, Growth-inhibiting protein 20, PRO1341, PRO0883, Serum albumin, PRO0903

Target/Specificity

bovine serum albumin, egg white albumin or human alpha fetoprotein

Reconstitution & Storage

Protein A purified

Precautions

Anti-ALB / Serum Albumin Antibody (clone HSA20) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ALB / Serum Albumin Antibody (clone HSA20) - 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.

Anti-ALB / Serum Albumin Antibody (clone HSA20) - 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](#)

Anti-ALB / Serum Albumin Antibody (clone HSA20) - Images