

Bovine Serum Albumin Rabbit mAb

Catalog No: #59309

Package Size: #59309-1 50ul #59309-2 100ul

Description

Product Name	Bovine Serum Albumin Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat Cow
Specificity	Bovine Serum Albumin Antibody detects endogenous levels of total Bovine Serum Albumin
Immunogen Description	A synthesized peptide derived from Cow Bovine Serum Albumin
Other Names	ALB; Albumin (32 AA) ;Albumin (AA 34) ;Albumin; BSA; Serum albumin;
Accession No.	Uniprot:P02768
Calculated MW	Predicted band size: 69 kDa
SDS-PAGE MW	Observed band size: 69 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

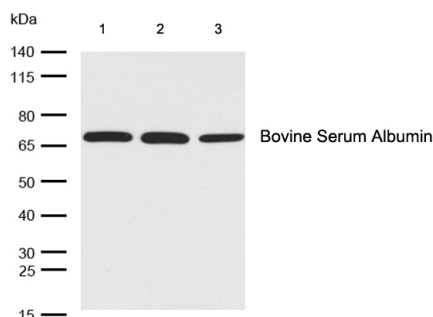
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Bovine Serum Albumin Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : 3T3 whole cell lysates Lane 3 : PC12 whole cell lysates
Lysates/proteins at 20 µg per lane.

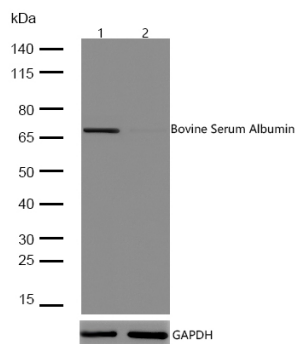
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 69 kDa

Observed band size: 69 kDa

Exposure time: 7 seconds

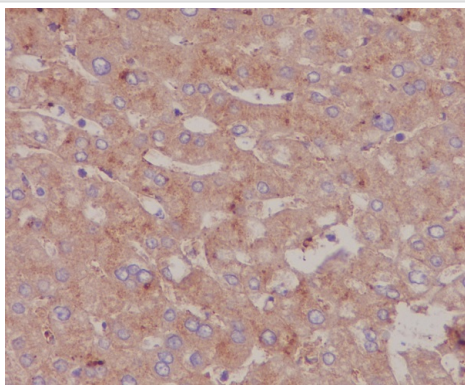


All lanes: Bovine Serum Albumin Rabbit mAb at 1/1k dilution

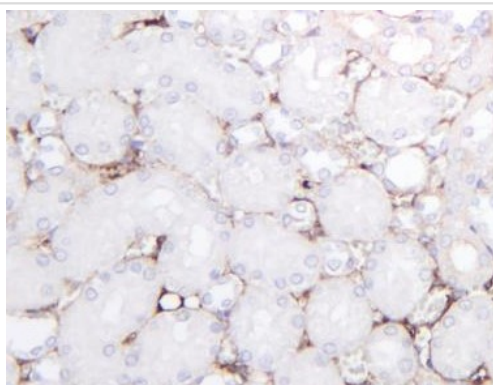
Lane 1 : Wild-type HeLa cell lysate

Lane 2 : Bovine Serum Albumin Rabbit mAb knockdown HeLa cell lysate

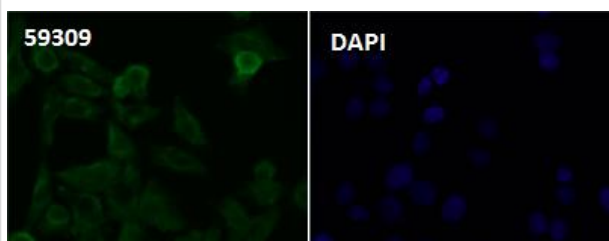
Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human liver tissue stained for Bovine Serum Albumin using 59309 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded rat kidney tissue stained for Bovine Serum Albumin using 59309 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Bovine Serum Albumin antibody (59309) ICC/IF staining of Bovine Serum Albumin in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59309 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.