

For Research Use Only

Albumin Recombinant antibody

Catalog Number: 83289-4-RR



Basic Information

Catalog Number:

83289-4-RR

Size:

100ul , Concentration: 1000 ug/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_009654.4

GeneID (NCBI):

11657

UNIPROT ID:

P07724

Full Name:

albumin

Calculated MW:

69 kDa

Observed MW:

66 kDa

Purification Method:

Protein A purification

CloneNo.:

240245E1

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse retina tissue, mouse liver tissue, mouse
cerebellum

Background Information

Albumin is the most abundant protein in blood plasma. Alterations of level of serum albumin are linked to variety of diseases. Albumin is expressed exclusively by well-differentiated hepatocytes, thus anti-albumin has been used to mark hepatocytes. In addition, glycated serum albumin is also a potential diabetes biomarker. The N-terminal 24aa of albumin will be cleaved to generate the mature form of serum albumin with MW 66 kDa. (21388516, 23832071)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

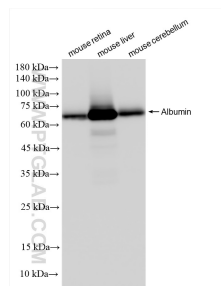
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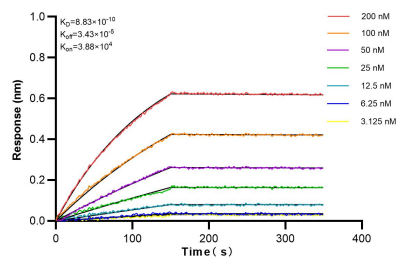
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83289-4-RR (Albumin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83289-4-RR against Mouse Albumin were performed. The affinity constant is 0.883 nM.