

For Research Use Only

Afp Recombinant antibody

Catalog Number: 83367-2-RR



Basic Information

Catalog Number:

83367-2-RR

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_007423.4

GeneID (NCBI):

11576

UNIPROT ID:

P02772

Full Name:

alpha fetoprotein

Calculated MW:

67KD

Observed MW:

67-72 kDa

Purification Method:

Protein A purification

CloneNo.:

240232C7

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse placenta tissue,

Background Information

Alpha-fetoprotein (AFP) is one of the earliest proteins to be synthesised by the embryonic liver. The synthesis of AFP decreases dramatically after birth and only trace amounts are expressed in the adult liver. High serum AFP concentrations are also found in connection with primary liver cancer and teratocarcinoma.

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

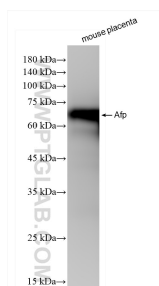
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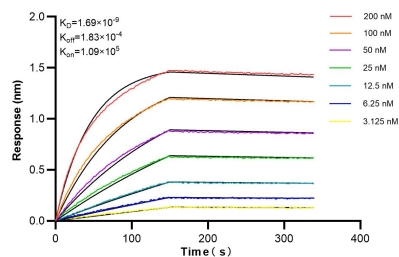
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Selected Validation Data



mouse placenta tissue were subjected to SDS PAGE followed by western blot with 83367-2-RR (Afp antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83367-2-RR against Mouse Afp were performed. The affinity constant is 1.69 nM.