

For Research Use Only

Biotin Recombinant monoclonal antibody

Catalog Number: 86349-3-RR



Basic Information

Catalog Number:

86349-3-RR

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

242355E7

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

recombinant protein

Positive Controls:

WB : Recombinant protein,

Background Information

Biotin, also called vitamin H or vitamin B7, is a water-soluble vitamin required by all organisms (PMID: 12055344). It serves as a necessary cofactor for enzymes involved in carboxylation reactions essential for gluconeogenesis, lipid metabolism, and amino acid catabolism (PMID: 38825069). Biotin is often used to label proteins and nucleic acids. This anti-biotin antibody can be used for detecting biotinylated molecules.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

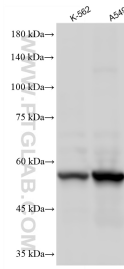
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot using biotin-66031 (alpha Tubulin antibody) at a dilution of 1:10000 followed by 86349-3-RR (Biotin antibody) at a dilution of 1:10000 and HRP-conjugated Goat Anti-Rabbit IgG(H+L), incubated at 37°C 1h.