

For Research Use Only

Biotin Recombinant monoclonal antibody

Catalog Number: 86349-3-RR



Basic Information

Catalog Number:

86349-3-RR

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

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

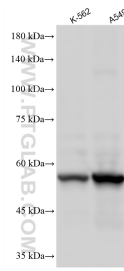
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.