

For Research Use Only

Biotin Recombinant monoclonal antibody, PBS Only

Catalog Number: 86349-3-PBS



Basic Information

Catalog Number:

86349-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

242355E7

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

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 -80°C.

Storage Buffer:

PBS only, pH7.3

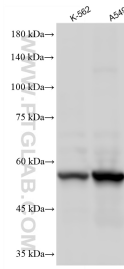
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 86349-3-PBS in a different storage buffer formulation.