

For Research Use Only

AGL Recombinant monoclonal antibody

Catalog Number: 86187-1-RR



Basic Information

Catalog Number:

86187-1-RR

Size:

100ul, Concentration: 1000 µg/ml by 178

Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9962

GenBank Accession Number:

BC078663

GeneID (NCBI):

178

UNIPROT ID:

P35573

Full Name:

amylo-1, 6-glucosidase, 4-alpha-glucanotransferase

Calculated MW:

1532 aa, 175 kDa

Observed MW:

165 kDa

Purification Method:

Protein A purification

CloneNo.:

250767A6

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, mouse skeletal muscle tissue, Jurkat cells, K-562 cells, rat skeletal muscle tissue

Background Information

Amylo-alpha-1-6-glucosidase-4-alpha-glucanotransferase (AGL) (also known as glycogen debranching enzyme) is a critical bifunctional enzyme involved in glycogen metabolism.

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

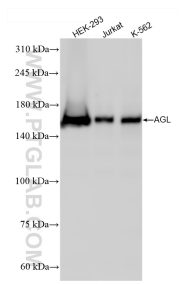
For technical support and original validation data for this product please contact:

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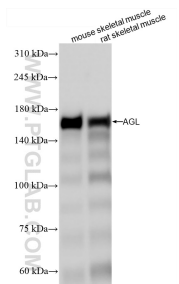
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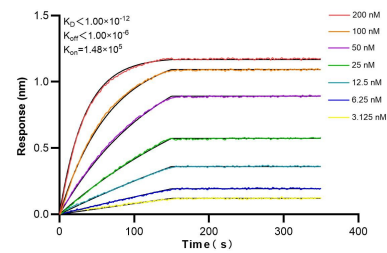
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86187-1-RR (AGL antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



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Biolayer interferometry (BLI) kinetic assays of 86187-1-RR against Human AGL were performed. The affinity constant is below 1 pM.