

For Research Use Only

ACSF2 Recombinant antibody

Catalog Number: 84033-3-RR



Basic Information

Catalog Number:

84033-3-RR

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9199

GenBank Accession Number:

BC012053

GeneID (NCBI):

80221

UNIPROT ID:

Q96CM8

Full Name:

acyl-CoA synthetase family member 2

Calculated MW:

615 aa, 68 kDa

Observed MW:

51-71 kDa

Purification Method:

Protein A purification

CloneNo.:

241208D9

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : Jurkat cells, SGC-7901 cells

Background Information

ACSF2 (encoded by acyl-CoA synthetase family member 2) belongs to the acyl-CoA synthetase (ACS) family, activating fatty acids by forming a thioester bond with CoA.

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

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

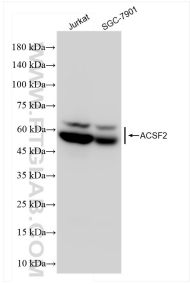
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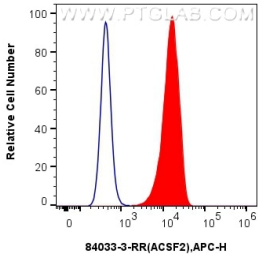
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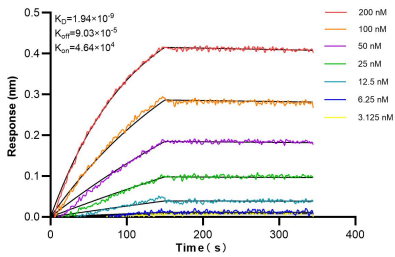
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84033-3-RR (ACSF2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1x10⁶ A549 cells were intracellularly stained with 0.25 ug ACSF2 Recombinant antibody (84033-3-RR, Clone:241208D9) and Multi-rAb CoraLite[®] Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 84033-3-RR against Human ACSF2 were performed. The affinity constant is 1.94 nM.