

For Research Use Only

ACSF2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84033-3-PBS



Basic Information

Catalog Number:

84033-3-PBS

Concentration:

1 mg/ml

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

Applications

Tested Applications:

WB, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

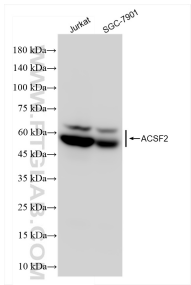
T: 4006900926

E: Proteintech-CN@ptglab.com

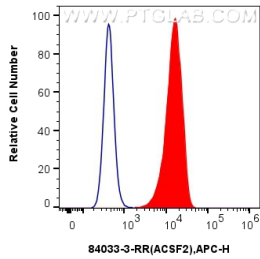
W: ptgcn.com

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

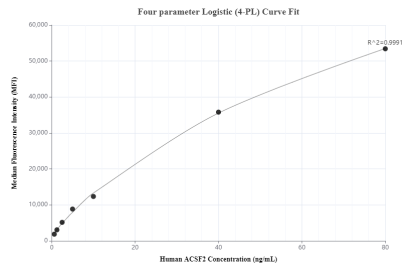
Selected Validation Data



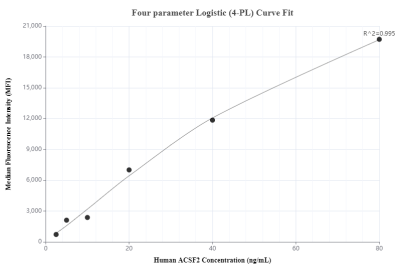
Various lysates were subjected to SDS PAGE followed by western blot with 84033-3-RR (ACSF2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84033-3-PBS in a different storage buffer formulation.



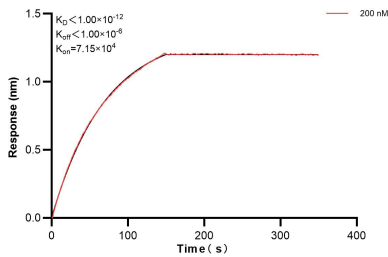
1x10⁶ A549 cells were intracellularly stained with 0.25 ug ACSF2 Recombinant antibody (84033-3-RR, Clone:241208D9) and Multi-rAb CoraLite® Plus 647-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR005)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 84033-3-PBS in a different storage buffer formulation.



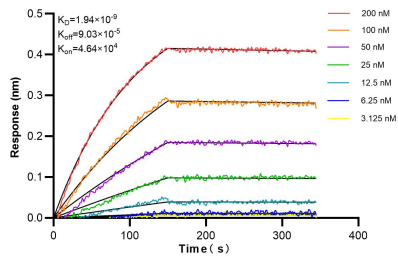
Cytometric bead array standard curve of MP00952-1, ACSF2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84033-2-PBS. Detection antibody: 84033-3-PBS. Standard: Ag9199. Range: 0.625-80 ng/mL.



Cytometric bead array standard curve of MP00952-3, ACSF2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84033-1-PBS. Detection antibody: 84033-3-PBS. Standard: Ag9199. Range: 2.5-80 ng/mL.



Bioluminescence resonance energy transfer (BRET) kinetic assay of 84033-3-PBS against Human ACSF2 was performed. The affinity constant is below 1 pM.



Bioluminescence resonance energy transfer (BRET) kinetic assays of 84033-3-RR against Human ACSF2 were performed. The affinity constant is 1.94 nM.