

For Research Use Only

ACSF2 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84033-2-PBS



Basic Information

Catalog Number: 84033-2-PBS	GenBank Accession Number: BC012053	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 80221	CloneNo.: 241208C3
Source: Rabbit	UNIPROT ID: Q96CM8	
Isotype: IgG	Full Name: acyl-CoA synthetase family member 2	
Immunogen Catalog Number: AG9199	Calculated MW: 615 aa, 68 kDa	

Applications

Tested Applications:
IHC, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

Product Information

84033-2-PBS targets ACSF2 as part of a matched antibody pair:

MP00952-1: 84033-2-PBS capture and 84033-3-PBS detection (validated in Cytometric bead array)

MP00952-2: 84033-1-PBS capture and 84033-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

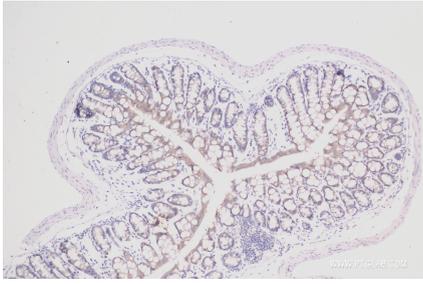
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

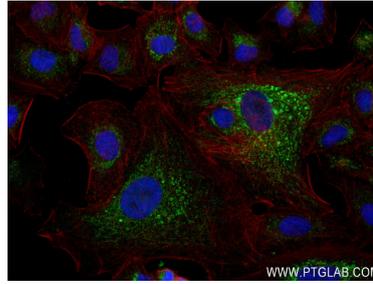
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



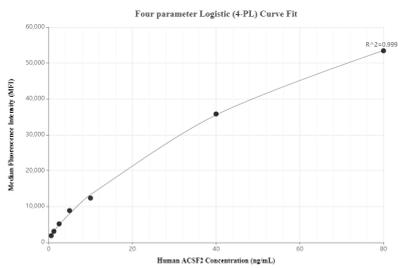
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 84033-2-RR (ACSF2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84033-2-PBS in a different storage buffer formulation.



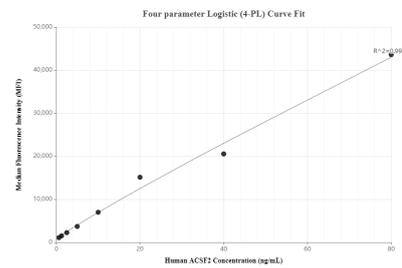
Immunofluorescent analysis of (4% PFA) fixed A549 cells using ACSF2 antibody (84033-2-RR, Clone: 241208C3) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84033-2-PBS in a different storage buffer formulation.



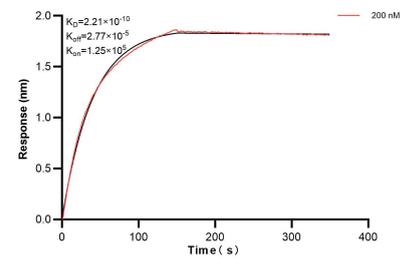
Immunofluorescent analysis of (4% PFA) fixed A549 cells using ACSF2 antibody (84033-2-RR, Clone: 241208C3) at dilution of 1:500 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84033-2-PBS in a different storage buffer formulation.



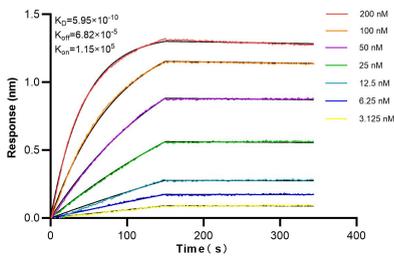
Cytometric bead array standard curve of MP00952-1, ACSF2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84033-2-PBS. Detection antibody: 84033-3-PBS. Standard: Ag9199. Range: 0.625-80 ng/mL.



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



Biolayer interferometry (BLI) kinetic assay of 84033-2-PBS against Human ACSF2 was performed. The affinity constant is 0.221 nM.



Biolayer interferometry (BLI) kinetic assays of 84033-2-RR against Human ACSF2 were performed. The affinity constant is 0.595 nM.