



## FACL4 (DGR33206) Rabbit mAb

db14837 Package : 10μL 20μL 50μL 100μL

Product Name: FACL4 (DGR33206) Rabbit mAb

Cat.No.: db14837

Synonyms: ACSL4; ACS4; FACL4; LACS4; MRX63; MRX68

Application: WB, IHC-P, ICC/IF, FC, IP

Reactivity: Human, Mouse Host species: Rabbit

**Background** The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase

family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme preferentially utilizes arachidonate as substrate. The absence of this enzyme may contribute to the cognitive disability or Alport syndrome. Alternative splicing of this gene generates multiple transcript variants. [provided

by RefSeq, Jan 2016]

Immunogen Recombinant protein of human FACL4

**Gene ID** 2182

Swiss Prot O60488

Synonyms ACSL4; ACS4; FACL4; LACS4; MRX63; MRX68

Reactivity Human, Mouse

**Application** WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000

IHC-P: 1:200-1:500

ICC/IF: 1:50 FC: 1:100 IP: 1:20-1:50

Calculated MW 79 kDa

Observed MW 79 kDa

Host species Rabbit

**Clonality** Monoclonal





Clonality No. DGR33206

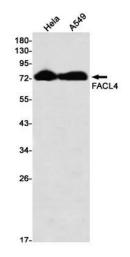
**Isotype** IgG

**Purity** Affinity Purification

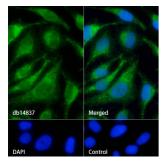
**Conjugation** Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of FACL4 in Hela, A549 using FACL4 antibody(1:1000 diluted)



Immunofluorescence analysis of HeLa cells labelling FACL4 with db14837.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14837 (1:50) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit lgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.