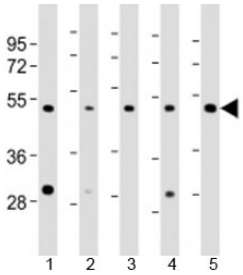
LASS4 Antibody / CerS4 (F53894)

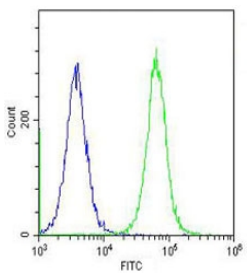
Catalog No.	Formulation	Size
F53894-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53894-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9HA82
Applications	Western blot: 1:1000-2000 FACS (Intracellular): 1:25
Limitations	This LASS4 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) HT-1080, 3) Jurkat, 4) LNCaP and 5) PC-3 cell lysate with LASS4 antibody at 1:2000. Predicted molecular weight: 46 kDa.



Intracellular FACS testing of human HeLa cells with LASS4 antibody (green) and isotype control (blue) at 1:25.

Description

LAG1 longevity assurance homolog 4 (LASS4), also called Ceramide synthase 4 (CerS4) may be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donors (N-linked stearoyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner (By similarity).

Application Notes

Titration of the LASS4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 21-51 from the human protein was used as the immunogen for the LASS4 antibody.

Storage

Aliquot the LASS4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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