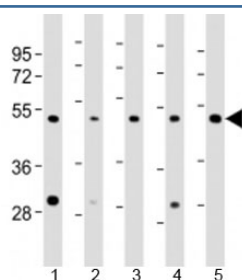


## LASS4 Antibody / CerS4 (F53894)

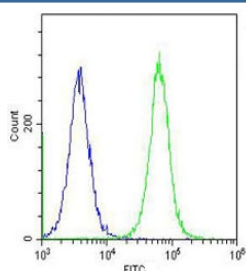
Catalog No.	Formulation	Size
F53894-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53894-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	Q9HA82
<b>Applications</b>	Western Blot : 1:1000-2000 FACS (Intracellular) : 1:25
<b>Limitations</b>	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 stearyl- (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.