

Datasheet for ABIN6243713  
**anti-LASS4 antibody (AA 21-51)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	200 µL
Target:	LASS4 (CERS4)
Binding Specificity:	AA 21-51
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LASS4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Immunogen:	This CERS4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 21-51 amino acids from human CERS4.
Clone:	RB55261
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	LASS4 (CERS4)
Alternative Name:	CERS4 ( <a href="#">CERS4 Products</a> )
Background:	May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When

## Target Details

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).

Molecular Weight: 46399

UniProt: [Q9HA82](#)

## Application Details

Application Notes: WB: 1:2000. FC: 1:25

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

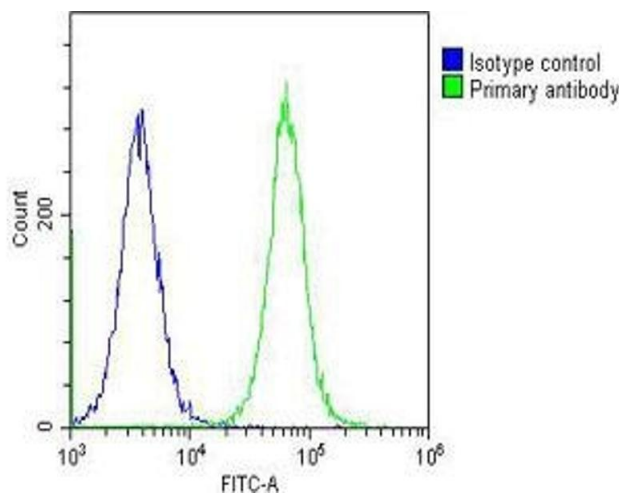
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

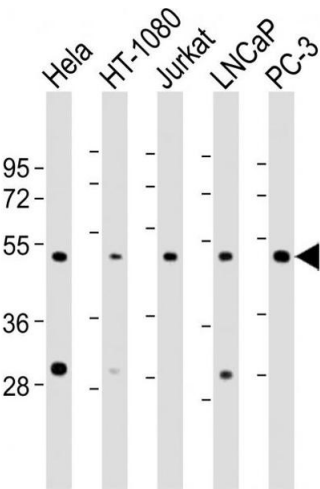
Expiry Date: 6 months

## Images



### Flow Cytometry

**Image 1.** Overlay histogram showing Hela cells stained with (ABIN6243713 and ABIN6578558) (green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6243713 and ABIN6578558), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C.



Isotype control antibody (blue line) was rabbit IgG (1  $\mu$ g/ $1 \times 10^6$  cells) used under the same conditions. Acquisition of  $>10,000$  events was performed.

Western Blotting

**Image 2.** All lanes : Anti-CERS4 Antibody (N-Term) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: HT-1080 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: LNCaP whole cell lysate Lane 5: PC-3 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 46 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.