

Datasheet for ABIN652884

anti-Glucosylceramidase antibody (Center)



[Go to Product page](#)

4 Images

Overview

Quantity:	200 µL
Target:	Glucosylceramidase (GLCM)
Binding Specificity:	AA 337-365, Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 337-365 AA from the Central region of human GC.
Clone:	RB21567
Isotype:	Ig Fraction
Specificity:	This GC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 344~373 amino acids from the Center region of human GC.
Predicted Reactivity:	Cow (Bovine), Pig (Porcine)
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Glucosylceramidase (GLCM)
---------	---------------------------

Target Details

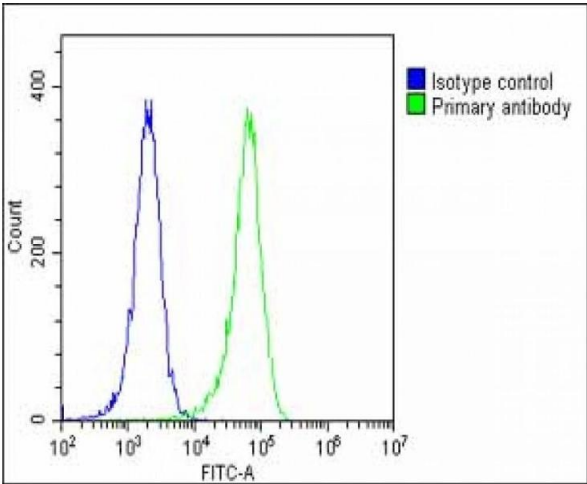
Alternative Name:	Glucosylceramidase (GLCM Products)
Background:	GC is a protein that cleaves the beta-glucosidic linkage of glycosylceramide, an intermediate in glycolipid metabolism. Synonyms: Late cornified envelope protein 6A, LCE6A, C1orf44
Molecular Weight:	59716 DA
Gene ID:	2629
UniProt:	P04062

Application Details

Application Notes:	WB = 1:1000, IHC (p) = 1:50-100, FACS = 1:10-50
Restrictions:	For Research Use only

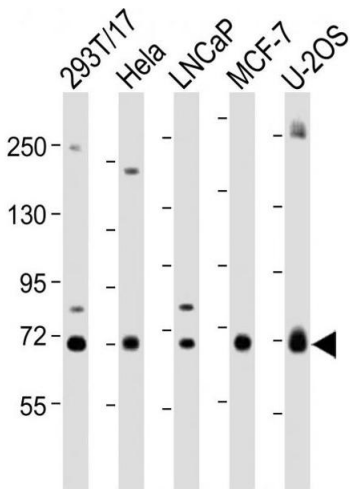
Handling

Format:	Liquid
Concentration:	0.345 mg/mL
Buffer:	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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



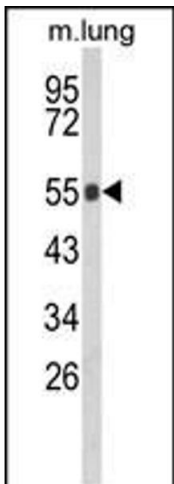
Flow Cytometry

Image 1. Overlay histogram showing HeLa cells stained with C(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 (C, 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/ 1×10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. All lanes : Anti-GC Antibody (Center) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: LNCaP whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 60 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Western blot analysis of GC Antibody (Center) (ABIN652884 and ABIN2842571) in mouse lung tissue lysates (35 µg/lane). GC (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN652884.