

Anti-GBA3 Antibody-PE (11463)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	PE
Clone:	11463
Purification:	Protein A

Applications

Verified Activity:	Human GBA3 expression in Jurkat cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), and then stained with PE Mouse anti-GBA3. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.
Application:	FCM
Recommended	5 µl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human GBA3 protein (TMPY-01579)
Antigen Species:	Human
Synonyms:	KLrP;GBA3;GLUC;glucosidase, β, acid 3 (gene/pseudogene);CBG;CBGL1;MGC126878; glucosidase, beta, acid 3 (gene/pseudogene);MGC104276

Research Background

Cytosolic beta-glucosidase, also known as Cytosolic beta-glucosidase-like protein 1, GBA3, CBG and CBGL1 is a cytoplasm protein which belongs to the glycosyl hydrolase 1 family and Klotho subfamily. GBA3 / CBGL1 is a glycosidase probably involved in the intestinal absorption and metabolism of dietary flavonoid glycosides. GBA3 / CBGL1 is present in small intestine (at protein level). GBA3 / CBGL1 is expressed in liver, small intestine, colon, spleen and kidney. GBA3 / CBGL1 is down-regulated in renal cell carcinomas and hepatocellular carcinomas. GBA3 / CBGL1 is able to hydrolyze a broad variety of glycosides including phytoestrogens, flavonols, flavones, flavanones and cyanogens. GBA3 / CBGL1 possesses beta-glycosylceramidase activity and may be involved in a nonlysosomal catabolic pathway of glycosylceramide.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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