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30-2346: PE Conjugated Anti-LARGE1 Monoclonal Antibody (Clone:LARGE-02)

Clonality :	Monoclonal
Clone Name :	LARGE-02
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	LARGE1
Gene ID :	9215
Uniprot ID :	O95461
Alternative Name :	LARGE1,KIAA0609,LARGE
Isotype :	Mouse IgG2b
Immunogen Information :	Recombinant fragment of human LARGE1 (amino acids 35-142)

Description

LARGE1 serves as a glycosyltransferase which participates in glycosylation of the muscle membrane protein alpha-dystroglycan. Mutations of LARGE1 lead to hypoglycosylation of alpha-dystroglycan and cause congenital muscular dystrophy (MDC1D) associated with severe mental retardation. Altered alpha-dystroglycan glycosylation may also play a role in cancer, as hypoglycosylation of the protein and loss of laminin binding have been demonstrated in invasive carcinoma cells.

Product Info

Amount :	0.1 mg
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

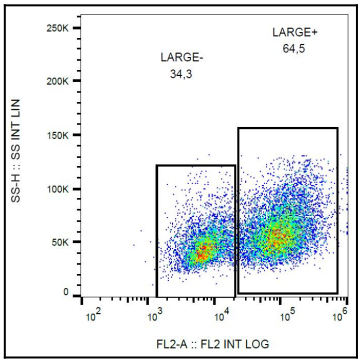


Figure 1: Flow cytometry analysis of LARGE1 in HEK293-LARGE1 transfectants using mouse monoclonal antibody (clone LARGE-02) PE.

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