

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

30-1504: Anti-LARGE1 Monoclonal Antibody (Clone:LARGE-02)

Clonality: Monoclonal **Clone Name:** LARGE-02 **Application:** FACS. WB Reactivity: Human Gene: LARGE1 Gene ID: 9215 **Uniprot ID:** 095461 Format: **Purified**

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 alphadystroglycan. 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

Purification: Purified by protein-A affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

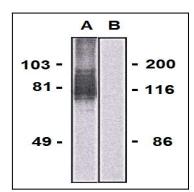


Figure 1: Western blotting analysis of LARGE1 in HEK293-LARGE1 transfectants (A) and HEK293 cells (B) using mouse monoclonal antibody (clone LARGE-02).