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Datasheet for ABIN5541530
anti-LARGE antibody (AA 35-142)

Overview

Quantity:	0.1 mg
Target:	LARGE
Binding Specificity:	AA 35-142
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LARGE antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Recombinant fragment of human LARGE1 (amino acids 35-142)
Clone:	LARGE-02
Isotype:	IgG2b
Specificity:	This antibody recognizes human LARGE1, a glycosyltransferase localizing mainly to the Golgi apparatus. Crossreactivity with LARGE2 was not determined.
Purification:	Protein-A affinity chromatography (> 95% pure by SDS-PAGE)

Target Details

Target:	LARGE
Alternative Name:	large (LARGE Products)

Target Details

Background: 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.

UniProt: [O95461](#)

Application Details

Application Notes: Flow cytometry. Western blot.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: 95 % pure by SDS-PAGE) Buffer System: Phosphate buffered saline (PBS) Preservatives: 15 mM sodium azide, approx. pH 7.4

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

Storage Comment: Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.

Expiry Date: 12 months