

ABCD1 Monoclonal Antibody

Catalog No. E-AB-27003

Note: Centrifuge before opening to ensure complete recovery of vial contents.

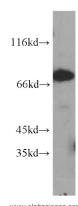
Description

Reactivity	Human
Immunogen	Fusion protein of ABCD1
Host	Mouse
Isotype	IgG1
Clone	Clone:609
Purification	Caprylic acid/ammonium sulfate
Conjugation	Unconjugated
Buffer	PBS with 0.1% sodium azide, 50% glycerol, PH7.3

Applications Recommended Dilution

WB 1:500-1:2000, IF
1:20-1:200

Data



Western Blot analysis of HeLa cells using ABCD1
Monoclonal Antibody at dilution of 1:1000
Observed Mw:75kDa
Calculated Mw:745aa, 83kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

ABCD1 (also known as ALDP) is a member of the ATP-binding cassette (ABC) transporter superfamily which functions as transporter for a wide variety of substrates. It localizes to the peroxisomal membrane. The exact function is not clear so far. Various mutations of ABCD1 cause X-linked adrenoleukodystrophy (X-ALD), an inherited neurodegenerative disease affecting the nervous system white matter and adrenal cortex.

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