

For Research Use Only

ABCD1 Monoclonal antibody

Catalog Number: 60153-1-Ig **Featured Product**



Basic Information

Catalog Number:

60153-1-Ig

Concentration:

1900 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG12757

GenBank Accession Number:

BC025358

GeneID (NCBI):

215

UNIPROT ID:

P33897

Full Name:

ATP-binding cassette, sub-family D (ALD), member 1

Calculated MW:

745 aa, 83 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

1H8E5

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells,

IF/ICC : HeLa cells,

Background Information

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.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

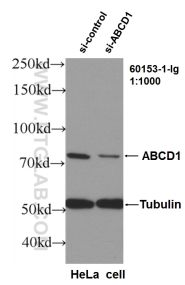
T: 4006900926

E: Proteintech-CN@ptglab.com

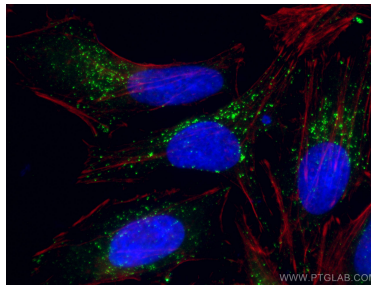
W: ptgcn.com

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Selected Validation Data



WB result of ABCD1 antibody (60153-1-Ig, 1:1000) with si-Control and si-ABCD1 transfected HeLa cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ABCD1 antibody (60153-1-Ig, Clone: 1H8E5) at dilution of 1:100 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).DAPI (blue).