

Recombinant

DGRmAb®

ABCD1 (DGR12692) Rabbit mAb

db15740

Package : 10µL 20µL 50µL 100µL

Product Name : ABCD1 (DGR12692) Rabbit mAb**Cat.No.:** db15740**Synonyms** : ALD; AMN; ALDP; ABC42**Application** : WB, ICC/IF, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ALD subfamily, which is involved in peroxisomal import of fatty acids and/or fatty acyl-CoAs in the organelle. All known peroxisomal ABC transporters are half transporters which require a partner half transporter molecule to form a functional homodimeric or heterodimeric transporter. This peroxisomal membrane protein is likely involved in the peroxisomal transport or catabolism of very long chain fatty acids. Defects in this gene have been identified as the underlying cause of adrenoleukodystrophy, an X-chromosome recessively inherited demyelinating disorder of the nervous system. [provided by RefSeq, Jul 2008]

Immunogen

Recombinant protein of human ABCD1

Gene ID

215

Swiss Prot

P33897

Synonyms

ALD; AMN; ALDP; ABC42

Reactivity

Human, Mouse, Rat

Application

WB, ICC/IF, FC

Recommended dilutionWB: 1:2000
ICC/IF: 1:100
FC: 1:20**Calculated MW**

83 kDa

Observed MW

83 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR12692
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	Western blot analysis of extracts from 3T3 cells using db15740 at 1:1000.