

Recombinant

DGRmAb®

**ABCD1 (DGR12692) Rabbit mAb (PBS Only)**

db15740-PBS

Package : 100µg

**Product Name** : ABCD1 (DGR12692) Rabbit mAb (PBS Only)**Cat.No.:** db15740-PBS**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 dilution**WB: 1:2000  
ICC/IF: 1:100  
FC: 1:20**Calculated MW**

83 kDa

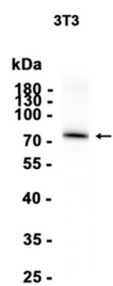
**Observed MW**

83 kDa

**Host species**

Rabbit

|                   |   |
|-------------------|---|
| Clonality         | Monoclonal  |
| Clonality No.     | DGR12692  |
| Isotype           | IgG   |
| Purity            | Affinity Purification   |
| Conjugation       | Un-conjugated   |
| Concentration     | 1 mg/ml   |
| Formulation       | PBS Only  |
| Storage Stability | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |



Western blot analysis of extracts from 3T3 cells using [db15740](#)