

# Anti-ABCA1 monoclonal antibody, clone IK2 [FITC] (DCABH-3997)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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| **Product Overview** | Mouse monoclonal to ABCA1 (FITC) |
| **Antigen Description** | cAMP-dependent and sulfonylurea-sensitive anion transporter. Key gatekeeper influencing intracellular cholesterol transport. |
| **Immunogen** | Recombinant fragment ABCA1. |
| **Isotype** | IgG2b |
| **Source/Host** | Mouse |
| **Species Reactivity** | Human |
| **Clone** | IK2 |
| **Purity** | Immunogen affinity purified |
| **Conjugate** | FITC |
| **Applications** | ICC/IF |
| **Procedure** | Conjugated Antibodies |
| **Format** | Liquid |
| **Size** | 50 µg |
| **Buffer** | Preservative: 0.1% Sodium Azide; Constituents: PBS, Protease inhibitors |
| **Preservative** | 0.1% Sodium Azide |

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|---|---|
| **Storage** | Store at +4°C. |

# GENE INFORMATION

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| **Gene Name** | ABCA1 ATP-binding cassette, sub-family A (ABC1), member 1 [ Homo sapiens ] |
| **Official Symbol** | ABCA1 |
| **Synonyms** | ABCA1; ATP-binding cassette, sub-family A (ABC1), member 1; ABC1, HDLDT1; ATP-binding cassette sub-family A member 1; Tangier disease; TGD; membrane-bound; ATP-binding cassette transporter 1; ATP-binding cassette transporter A1; cholesterol efflux regulat |
| **Entrez Gene ID** | 19 |
| **Protein Refseq** | NP_005493 |
| **UniProt ID** | B2RUU2 |
| **Chromosome Location** | 9q31 |
| **Pathway** | ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Folate Metabolism, organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; |
| **Function** | ATP binding; ATPase activity; anion transmembrane transporter activity; apolipoprotein A-I binding; apolipoprotein A-I receptor activity; apolipoprotein binding; cholesterol binding; cholesterol transporter activity; nucleotide binding; phospholipid bindi |

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