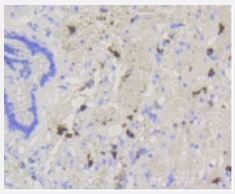
RecomAb™ Sm Size

# ABCG1 recombinant monoclonal antibody

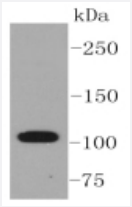
Catalog # RAB09062 Size 50 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human colon carcinoma using ABCG1 recombinant monoclonal antibody (Cat # RAB09062). Counter stained with hematoxylin.




### Western Blot (Tissue lysate)

Western Blot analysis of extracts of various cell lines with ABCG1 recombinant monoclonal antibody (Cat # RAB09062) at 1:1000 dilution.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against recombinant ABCG1. |
| **Antibody Species** | Rabbit |
| **Theoretical MW (kDa)** | 110 |
| **Reactivity** | Human, Rat |
| **Specificity** | This antibody detects endogenous levels of ABCG1 and does not cross-react with related proteins. |
| **Form** | Liquid |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Preparation Method** | Mammalian cell (HEK293) expression system |
| **Purification** | Protein A purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunocytochemistry (1:50-1:100)<br>Immunofluorescence (1:50-1:100)<br>Immunohistochemistry (1:50-1:200)<br>Western Blot (1:500-1:2000) |
| **Storage Buffer** | In PBS, pH 7.2 (0.02% sodium azide and 50% glycerol) |
| **Storage Instruction** | Store at 4°C short term.<br>Aliquot and store at -20°C long term.<br>Avoid freeze-thaw cycles. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human colon carcinoma using ABCG1 recombinant monoclonal antibody (Cat # RAB09062). Counter stained with hematoxylin.

- Western Blot (Tissue lysate)

  Western Blot analysis of extracts of various cell lines with ABCG1 recombinant monoclonal antibody (Cat # RAB09062) at 1:1000 dilution.

## Gene Info — ABCG1

| | |
|---|---|
| **Entrez GeneID** | 9619 |
| **Protein Accession#** | P45844 |
| **Gene Name** | ABCG1 |
| **Gene Alias** | ABC8, MGC34313, WHITE1 |
| **Gene Description** | ATP-binding cassette, sub-family G (WHITE), member 1 |
| **Omim ID** | 603076 |
| **Gene Ontology** | Hyperlink |

Copyright © 2023 Abnova Corporation. All Rights Reserved.

| | |
|---|---|
| **Gene Summary** | 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 membrane s. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. It is involved in macrophage cho lesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell type s. Six alternative splice variants have been identified. [provided by RefSeq |
| **Other Designations** | ABC transporter 8\|ATP-binding cassette sub-family G member 1\|ATP-binding cassette transport er 8\|ATP-binding cassette transporter member 1 of subfamily G\|OTTHUMP00000109322\|homolo g of Drosophila white\|white protein homolog (ATP-binding cassette transporter |

## Pathway

- ABC transporters

## Disease

- Alzheimer disease
- Atherosclerosis
- Calcinosis
- Cardiovascular Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Edema
- Hyperlipidemias
- Kidney Failure
- Personality Inventory

Copyright © 2023 Abnova Corporation. All Rights Reserved.