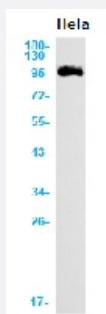


RecomAb™

# ABCG1 recombinant monoclonal antibody, clone R06-5B9

Catalog # RAB01681      Size 100 uL

## Applications



### Western Blot

Western blot analysis of ABCG1 in HeLa lysates using human ABCG1 recombinant monoclonal antibody, clone R06-5B9 (Cat # RAB01681).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human ABCG1.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide corresponding to human ABCG1
<b>Theoretical MW (kDa)</b>	Calculated MW: 76 kD
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Western Blot (1:500-1:1,000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

**Storage Instruction**

Store at 4°C for short term. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western blot analysis of ABCG1 in Hela lysates using human ABCG1 recombinant monoclonal antibody, clone R06-5B9 (Cat # RAB01681).

## 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](#)**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 membranes. 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 cholesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell types. 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 transporter 8|ATP-binding cassette transporter member 1 of subfamily G|OTTHUMP00000109322|homolog 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](#)