

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



Product Information

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 shoul d 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 GenelD	<u>9619</u>
Protein Accession#	P45844
Gene Name	ABCG1
Gene Alias	ABC8, MGC34313, WHITE1
Gene Description	ATP-binding cassette, sub-family G (WHITE), member 1
Omim ID	<u>603076</u>
Gene Ontology	<u>Hyperlink</u>
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