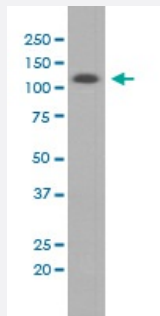


ABCG1 monoclonal antibody, clone CHH-1

Catalog # MAB19515 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HUVEC cell lysate with ABCG1 monoclonal antibody.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human ABCG1.

Immunogen A synthetic peptide corresponding to human ABCG1.

Host Rabbit

Reactivity Human, Rat

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
 Immunocytochemistry (1:50-1:100)
 Immunofluorescence (1:50-1:100)
 Immunohistochemistry (1:50-1:100)
 Western Blot (1:500-1:1000)
 The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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 (Cell lysate)

Western blot analysis of HUVEC cell lysate with ABCG1 monoclonal antibody.

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

- Immunocytochemistry

- Immunofluorescence

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](#)