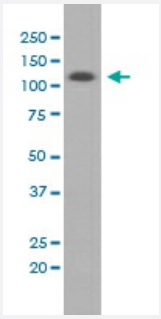
ABCG1 monoclonal antibody, clone CHH-1

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.

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored 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 shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Western Blot (Cell lysate)

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

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 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

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Pathway

- ABC transporters

Disease

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

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