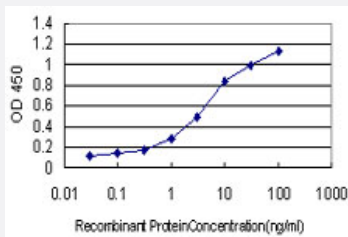


ABCG1 monoclonal antibody (M01), clone 2E11

Catalog # H00009619-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCG1 is approximately 0.1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ABCG1.
Immunogen	ABCG1 (AAH29158, 21 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	AEMTEPKSVCVSVDEVSSNMEATETDLLNGHLKKVDNNL TEAQRFSLLPRRAAVNIEFRDLSY SVPEGPWWRKKGKYLTKGISGKFNSGELVAIMGPSGAGKSTLMNI
Host	Mouse
Reactivity	Human
Isotype	IgG1 Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ABCG1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ABCG1

Entrez GeneID [9619](#)

GeneBank Accession# [BC029158](#)

Protein Accession# [AAH29158](#)

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 cholesterol 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 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](#)