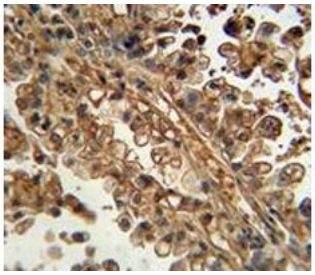
ABCG1 Antibody (F49666)

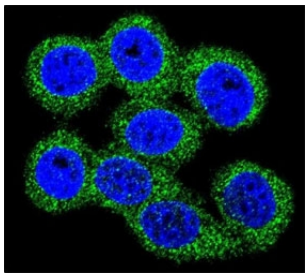
Catalog No.	Formulation	Size
F49666-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49666-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

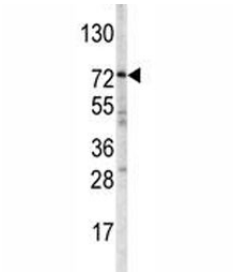
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P45844
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50 IHC (Paraffin) : 1:50-1:100 Immunofluorescence : 1:10-1:50
Limitations	This ABCG1 antibody is available for research use only.



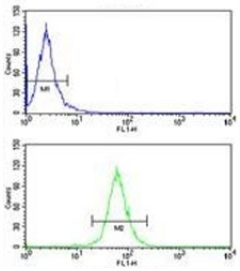
ABCG1 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human lung carcinoma.



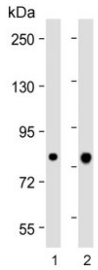
Confocal immunofluorescent analysis of ABCG1 antibody with 293 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). DAPI was used as a nuclear counterstain (blue).FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot analysis of ABCG1 antibody and mouse spleen tissue lysate. Predicted molecular weight: 75~90 kDa.



ABCG1 antibody flow cytometry analysis of HepG2 cells (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot testing of 1) human liver and 2) mouse liver tissue lysate with ABCG1 antibody. Predicted molecular weight: 75~90 kDa.

Description

ABCG1 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.

Application Notes

Titration of the ABCG1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 168-195 from the human protein was used as the immunogen for this ABCG1 antibody.

Storage

Aliquot the ABCG1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.