

Mouse anti-Human ABCG5 Monoclonal Antibody | anti-ABCG5 antibody

Anti-ABCG5 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA14137	Mouse	Human	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

ABCG5; Monoclonal Antibody; Anti-ABCG5 Mouse mAb; STSL; anti-ABCG5 antibody

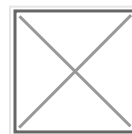
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1B5E10
Form/Format	Purified antibody in PBS with 0.05% sodium azide and 0.5% protein stabilizer
Sequence Length	651
Applicable Applications for anti-ABCG5 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Purified recombinant fragment of human ABCG5 (AA: 306-367) expressed in E Coli.

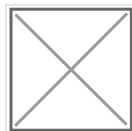
IMAGES


IHC (Immunohistochemistry)

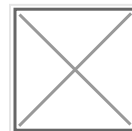
Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using ABCG5 mouse mAb with DAB staining.


IHC (Immunohistochemistry)

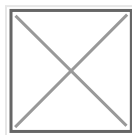
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using ABCG5 mouse mAb with DAB staining.


FCM (Flow Cytometry)

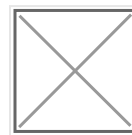
Flow cytometric analysis of A549 cells using ABCG5 mouse mAb (green) and negative control (red).


WB (Western Blot)

Western blot analysis using ABCG5 mouse mAb against HL7702 (1), RAJI (2) and Jurkat (3) cell lysate.


WB (Western Blot)

Western blot analysis using ABCG5 mAb against HEK293 (1) and ABCG5 (AA)


WB (Western Blot)

Western blot analysis using ABCG5 mAb against human ABCG5 recombinant protein. (Expected MW is 32.7 kDa)

ADDITIONAL INFORMATION

Related Product Information for anti-ABCG5 antibody	Entrez 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. The protein encoded by this gene functions as a half-transporter to limit intestinal absorption and promote biliary excretion of sterols. It is expressed in a tissue-specific manner in the liver, colon, and intestine. This gene is tandemly arrayed on chromosome 2, in a head-to-head orientation with family member ABCG8. Mutations in this gene may contribute to sterol accumulation and atherosclerosis, and have been observed in patients with sitosterolemia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11967969
NCBI GeneID	64240
NCBI Accession #	NP_071881.1
NCBI GenBank Nucleotide #	NM_022436.2
UniProt Accession #	Q9H222; Q2T9G2; Q96QZ2; Q96QZ3
Molecular Weight	72.5
NCBI Official Full Name	ATP-binding cassette sub-family G member 5
NCBI Official Synonym Full Names	ATP binding cassette subfamily G member 5
NCBI Official Symbol	ABCG5
NCBI Official Synonym Symbols	STSL
NCBI Protein Information	ATP-binding cassette sub-family G member 5
UniProt Protein Name	ATP-binding cassette sub-family G member 5
UniProt Gene Name	ABCG5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/abcg5-antibody-clone-1b5e10-western-blot-immunohistochemistry-flow-cytometry-elisa/14137>