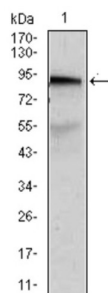
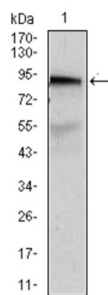


ATP-Binding Cassette Subfamily B Member 5 (ABCB5) Antibody

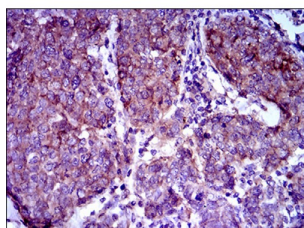
Catalogue No.: abx010341



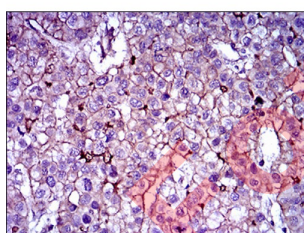
Western blot analysis using ABCB5 antibody against human ABCB5 recombinant protein. (Expected MW is 47 kDa).



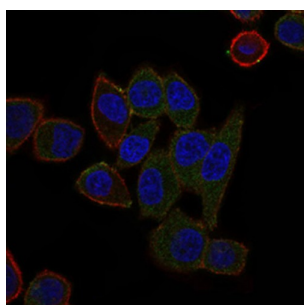
Western blot analysis using ABCB5 antibody against A431 (1) cell lysate.



Immunofluorescence analysis of HepG2 cells using ABCB5 antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with AF555 phalloidin.



Flow cytometric analysis of HepG2 cells using ABCB5 antibody (green) and negative control (purple).

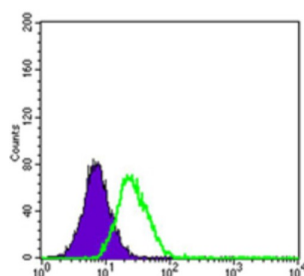


Immunohistochemical analysis of paraffin-embedded liver cancer tissues using ABCB5 antibody with DAB staining.

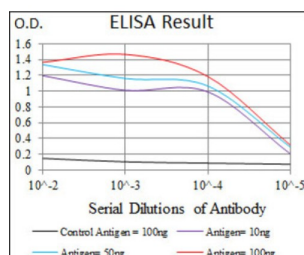
Datasheet

Version: 5.0.0

Revision date: 11 Jun 2025



Immunohistochemical analysis of paraffin-embedded breast cancer tissues using ABCB5 antibody with DAB staining.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules.

Target: ATP-Binding Cassette Subfamily B Member 5 (ABCB5)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA, IHC, IF/ICC, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human ABCB5 (AA: 481-674) expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Purified from ascites by Protein G chromatography.

Datasheet

Version: 5.0.0
Revision date: 11 Jun 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q2M3G2 ([UniProt](#), [ExPASy](#))

Gene Symbol: ABCB5

GeneID: [340273](#)

OMIM: [611785](#)

NCBI Accession: NM_178559.5

HGNC: 46

KEGG: hsa:10752

Ensembl: ENSG00000004846

String: [9606.ENSP00000384881](#)

Molecular Weight: 89.8 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.