
Product Name: ABCB5 Mouse Monoclonal Antibody**Catalog #: AMM81196**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ICC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	89.8kDa

Antigen Information

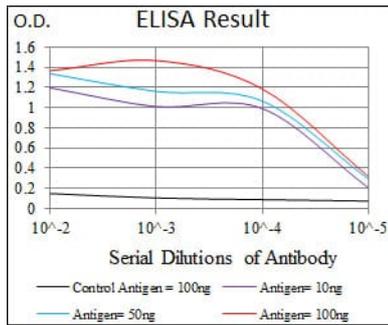
Gene Name	ABCB5
Alternative Names	ABCB5beta; EST422562; ABCB5alpha
Gene ID	340273.0
SwissProt ID	Q2M3G0
Immunogen	Purified recombinant fragment of human ABCB5 (AA: 481-674) expressed in E. Coli.

Background

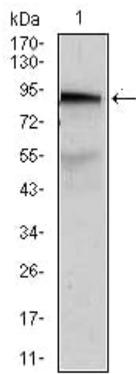
ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules

Research Area

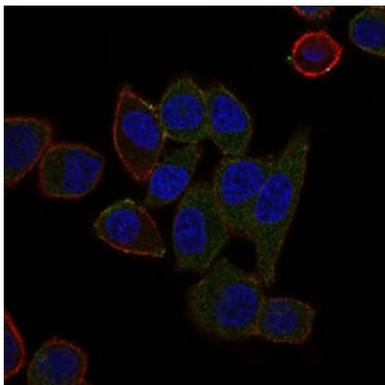
Image Data



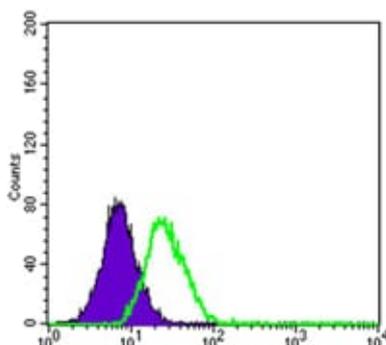
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



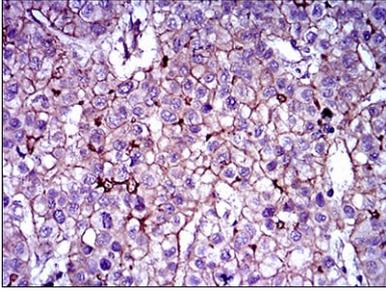
Western blot analysis using ABCB5 mouse mAb against A431 (1) cell lysate.



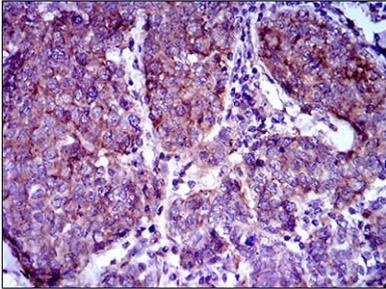
Immunofluorescence analysis of HepG2 cells using ABCB5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



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



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using ABCB5 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissues using ABCB5 mouse mAb with DAB staining.