

ABCB5 Mouse Monoclonal Antibody

Catalog No: #38031

Package Size: #38031 100ul



SAB[®]
Signalway Antibody

Orders: order@signalwayantibody.com
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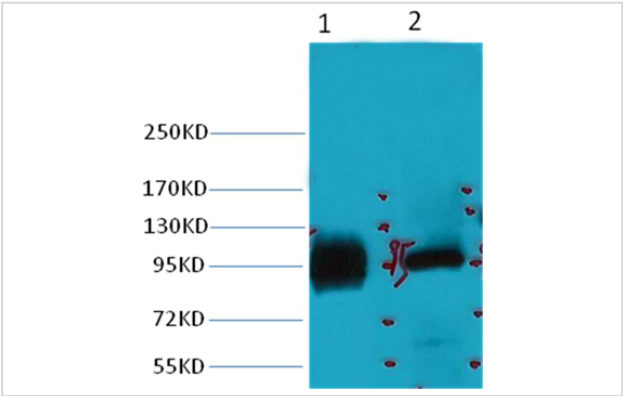
Description

Product Name	ABCB5 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Hu
Specificity	ABCB5 Mouse Monoclonal antibody detects endogenous ABCB5 proteins.
Conjugates	Unconjugated
Target Name	ABCB5
Other Names	ABCB5; ABCB5 P-gp; ABCB5alpha; ABCB5beta; ATP-binding cassette protein; ATP-binding cassette sub-family B member 5
Accession No.	Swiss-Prot#:Q2M3G0
SDS-PAGE MW	138kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

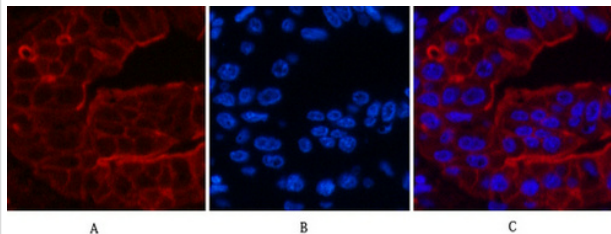
Application Details

WB dilution: 1:2000
IHC dilution:1:50-300IF dilution:1:200

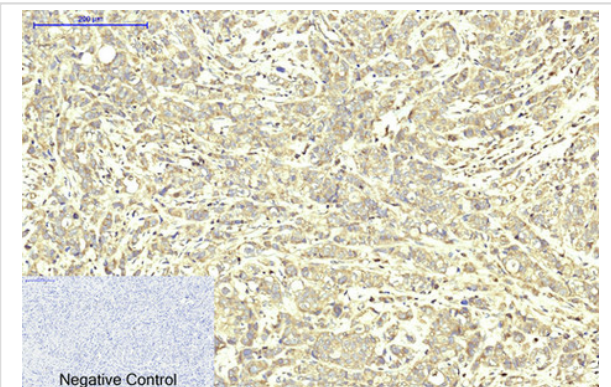
Images



Western blot analysis of 1) Hela, 2) 293T, using #38031 diluted at 1:2,000.



Immunofluorescence analysis of Human-liver-cancer tissue. 1, ABCB5 Monoclonal Antibody(11A2)(red) was diluted at 1:200(4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min). 3, Picture B: DAPI(blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue. 1, ABCB5 Monoclonal Antibody(11A2) was diluted at 1:200(4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.

Background

ATP-binding cassette sub-family B member 5 also known as P-glycoprotein ABCB5 is a plasma membrane-spanning protein that in humans is encoded by the ABCB5 gene. ABCB5 is an ABC transporter and P-glycoprotein family member principally expressed in physiological skin and human malignant melanoma.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.