

ABCB5 Mouse Monoclonal Antibody

Catalog No: #38031

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Description

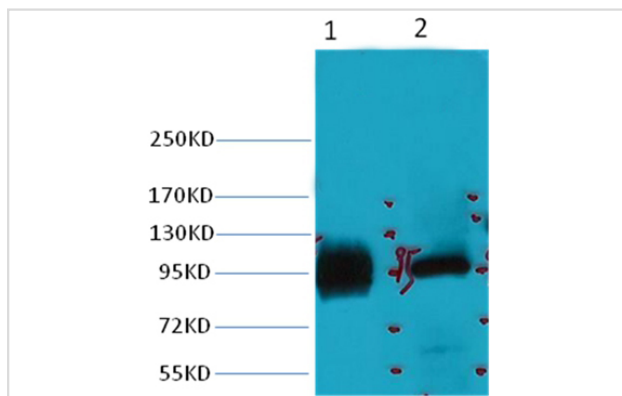
Product Name	ABCB5 Mouse Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	Affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Hu
Specificity	ABCB5 Mouse Monoclonal antibody detects endogenous ABCB5 proteins.
Target Name	ABCB5
Other Names	ABCB5; ABCB5 P-gp; ABCB5alpha; ABCB5beta; ATP-binding cassette protein; ATP-binding cassette sub-family B member 5
Accession No.	Swiss-Prot#:Q2M3G0
Uniprot	Q2M3G0
GeneID	340273;
SDS-PAGE MW	138kd
Concentration	1.0mg/ml
Formulation	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

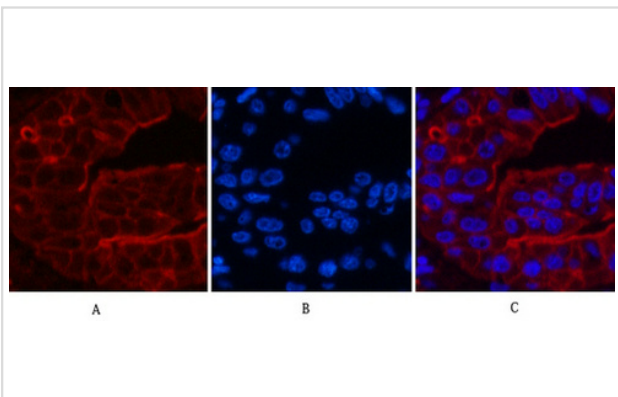
WB dilution: 1:2000

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

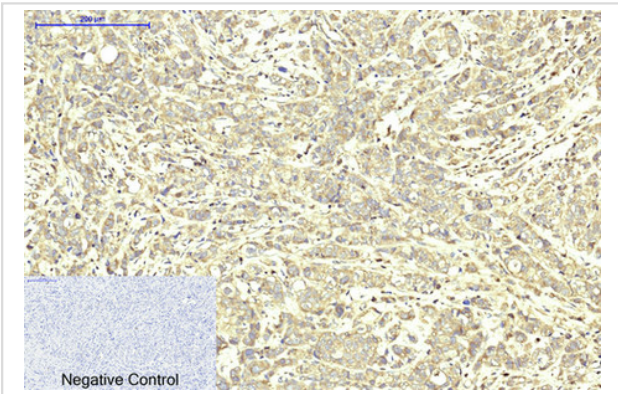
Images



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(4C, 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(4C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98C, 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