

## Anti-P Glycoprotein ABCB1 Rabbit Monoclonal Antibody

Catalog Number: M00049

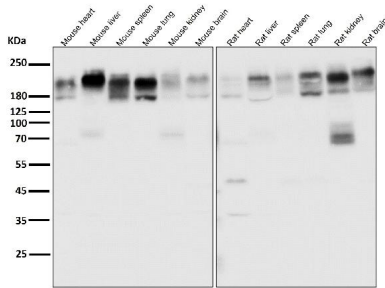
### Overview

Product Name	Anti-P Glycoprotein ABCB1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-P Glycoprotein ABCB1 Rabbit Monoclonal Antibody catalog # M00049. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal FDB-1
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P08183

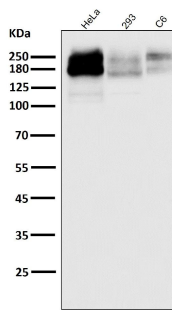
### Technical Details

Immunogen	A synthesized peptide derived from human P Glycoprotein
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-1:2000 IHC 1:50-1:200

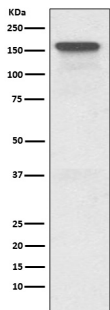
## Anti-P Glycoprotein ABCB1 Rabbit Monoclonal Antibody (M00049) Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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Western blot analysis of P Glycoprotein expression in HeLa cell lysate.

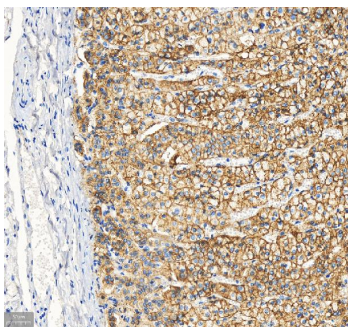
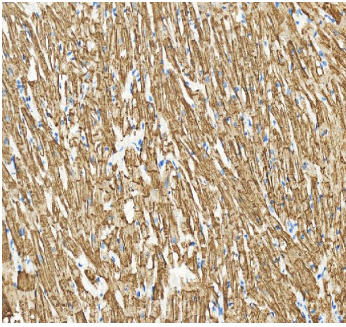
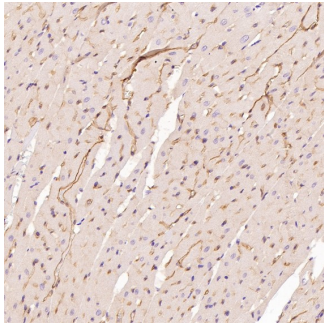


Figure 4. IHC analysis of ABCB1 using anti-ABCB1 antibody (M00049). ABCB1 was detected in a paraffin-embedded section of human adrenal gland tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-ABCB1 Antibody (M00049) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

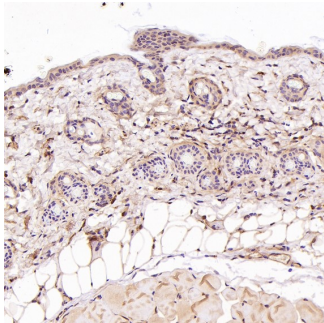
Figure 5. IHC analysis of ABCB1 using anti-ABCB1 antibody (M00049). ABCB1 was detected in a paraffin-embedded section of human cardiac muscle tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope



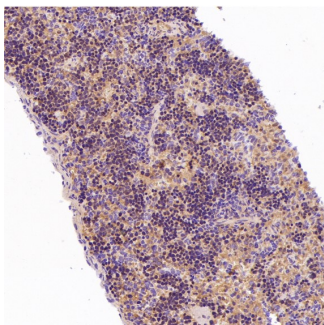
retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-ABCB1 Antibody (M00049) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



Immunohistochemical analysis of paraffin-embedded Rat heart, using the Antibody at 1:1000 dilution.



Immunohistochemical analysis of paraffin-embedded Mouse skin, using the Antibody at 1:1000 dilution.



Immunohistochemical analysis of paraffin-embedded Rat spleen, using the Antibody at 1:1000 dilution.

## 1 Publications Citing This Product

1. PubMed ID: 26824187, A 20(S)-protopanaxadiol derivative overcomes multi-drug resistance by antagonizing ATP-binding cassette subfamily B member 1 transporter function

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