BOSTER BIOLOGICAL TECHNOLOGY
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Anti-P-GlycoProtein(MDR) ABCB1 Antibody (Monoclonal, 35A92)

Catalog Number: M00049-6

About ABCB1

P-Glycoprotein,, also known as Multidrug Resistance 1 (MDR1), is one of the ATP-binding cassette transporters family. P-glycoprotein-1 is involved in the transport of 3 of these protease inhibitors in vitro. MDR1 gene is mapped to the 7q21.1 by in situ hybridization. The MDR1 gene product, P-glycoprotein, mediates the transport of the cardiac glycoside, digoxin.

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Overview

Product Name	Anti-P-GlycoProtein(MDR) ABCB1 Antibody (Monoclonal, 35A92)
Reactive Species	Human
Description	Boster Bio Anti-P-GlycoProtein (MDR) ABCB1 Antibody (Monoclonal, 35A92) catalog # M00049-6. Tested in IHC, ICC, WB applications. This antibody reacts with Human.
Application	IHC, ICC, WB
Clonality	Monoclonal 35A92
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P08183

Technical Details

Immunogen	Mixture of human and hamster drug-resistant whole cells and crude plasma membranes.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P), IHC(F) and ICC.
Cross Reactivity	No cross-reactivity with other proteins

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Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human Immunocytochemistry , 1ug/ml, Human, - Immunohistochemistry (Frozen Section), 1-2ug/ml, Human, - Western blot, 0.5-1ug/ml, Human

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For Research Use Only. Not for use in diagnostic procedures.