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44-1165: Anti-MDR3 Monoclonal Antibody (Clone:IHC621)

Clonality :	Monoclonal
Clone Name :	IHC621
Application :	IHC
Reactivity :	Human
Gene :	ABCB4
Gene ID :	5244
Uniprot ID :	P21439
Format :	Purified
Alternative Name :	Phosphatidylcholine translocator ABCB4, ATP-binding cassette sub-family B member 4, Multidrug resistance protein 3, P-glycoprotein 3

Description

Multidrug Resistance 3 (MDR3), also known as ATP Binding Cassette Subfamily B Member 4 (ABCB4), is a membrane-associated protein belonging to the superfamily of ATP-binding cassette transporters. MDR3 is an energy-dependent phospholipid efflux translocator that mediates the translocation of phosphatidylcholine across the canalicular membrane of the hepatocyte, and also acts as a positive regulator of biliary lipid secretion. Defects in MDR3 are associated with progressive familial intrahepatic cholestasis type 3 and gallbladder disease type 1. Co-overexpression of MDR3 and MRP1 has been documented as correlating with blastemal subtype and high-risk prognosis of WilmsÂ' tumor patients.

Product Info

Amount :	0.1 ml / 1 ml
Purification :	Protein A/G Chromatography
Storage condition :	Store at 2°C - 8°C.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

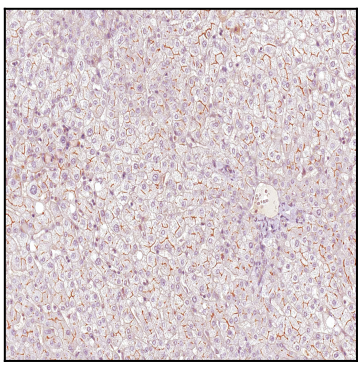


Figure 1: Immunohistochemical analysis of MDR3 (IHC621) on Liver

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