Product **Datasheet**

Anti-MDR1/P Glycoprotein Rabbit pAb

WL02395

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-MDR1/P Glycoprotein Rabbit pAb	
Source	Rabbit	
Species reactivity	Human	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:200
Cellular localization	Membrane. Cytoplasm.	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

Cells selected for resistance to a single cytotoxic drug may become cross-resistant to a broad range of drugs with different structures and cellular targets. This phenomenon is called multiple drug resistance (MDR). The MDR proteins (Mdrs) are members of a highly conserved superfamily of ATP-binding cassette transport proteins.Research studies have shown that MDR1 reduces drug accumulation in cancer cells, allowing the development of drug resistance. On the other hand, MDR1 expressed in the plasma membrane of cells in the blood-brain, blood-cerebral spinal fluid, or blood-placenta barriers restricts the permeability of drugs into these organs from the apical or serosal side .

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MDR1/P Glycoprotein.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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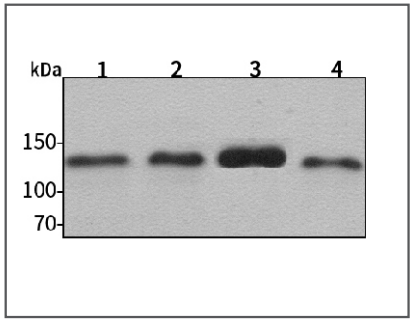
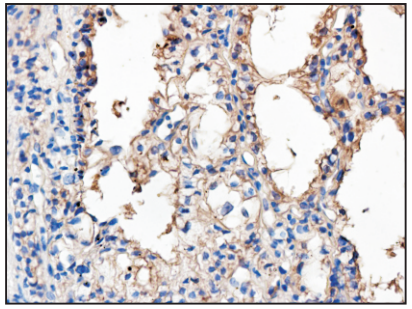
Product Images



Western blot-Anti-MDR1/P Glycoprotein pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human MGC-803 cell lysate
Lane 4: Human MCF-7 cell lysate
All lanes: Anti-MDR1/P Glycoprotein at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 141 kDa
Observed band size: 130-180 kDa



Immunohistochemistry-Anti-MDR1/P Glycoprotein pAb

Immunohistochemical analysis of paraffin-embedded human kidney cancer using anti-MDR1/P Glycoprotein Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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