

MRP1 (PT0945R) PT™ Rabbit mAb

CatalogNo: YM8734 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, IP, ELISA

MW

- 172kD (Calculated)
- 170-220kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1:1000**WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT0945R

Immunogen Information

Specificity Endogenous

Target Information

Gene name ABCC1 MRP MRP1

Protein Name Multidrug resistance-associated protein 1 (ATP-binding cassette sub-family C member 1) (Leukotriene C(4) transporter) (LTC4 transporter)

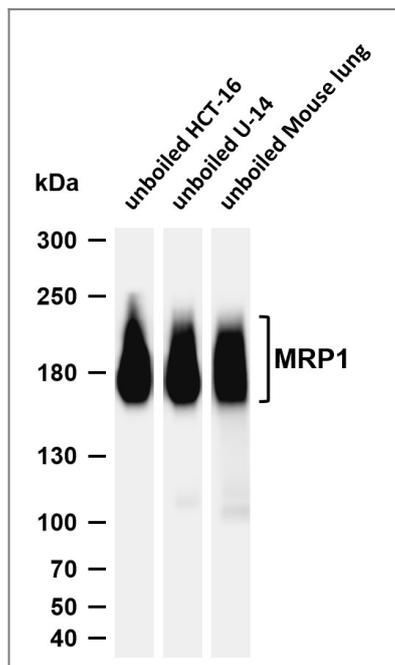
Organism	Gene ID	UniProt ID
Human	4363 ;	P33527 ;
Mouse		Q35379 ;
Rat		Q8CG09 ;

Cellular Localization Cell membrane ; Multi-pass membrane protein .

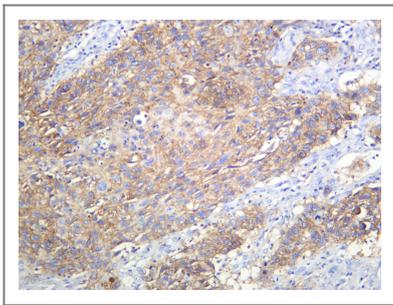
Tissue specificity Lung, testis and peripheral blood mononuclear cells.

Function Alternative products:Additional isoforms seem to exist. Experimental confirmation may be lacking for some isoforms,Function:Mediates export of organic anions and drugs from the cytoplasm. Mediates ATP-dependent transport of glutathione and glutathione conjugates, leukotriene C4, estradiol-17-beta-o-glucuronide, methotrexate, antiviral drugs and other xenobiotics. Confers resistance to anticancer drugs. Hydrolyzes ATP with low efficiency.,similarity:Belongs to the ABC transporter family.,similarity:Belongs to the ABC transporter family. Conjugate transporter (TC 3.A.1.208) subfamily.,similarity:Contains 2 ABC transmembrane type-1 domains.,similarity:Contains 2 ABC transporter domains.,tissue specificity:Lung, testis and peripheral blood mononuclear cells.,

Validation Data



Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-MRP1 (PT0945R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: unboiled HCT-16 Lane 2: unboiled U-14 Lane 3: unboiled Mouse lung Predicted band size: 172kDa Observed band size: 170-220kDa



Human lung cancer was stained with anti-MRP1 (PT0945R) Rabbit antibody

| Contact information

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