

Anti-MRP2 Antibody (3L876)

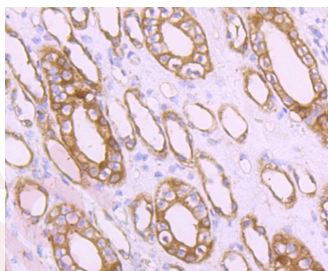
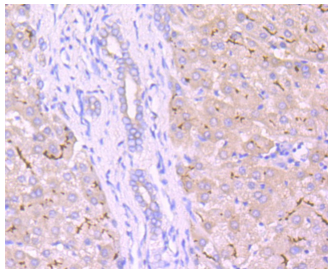
Product Details

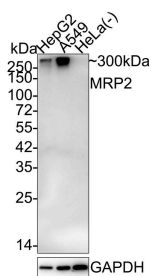
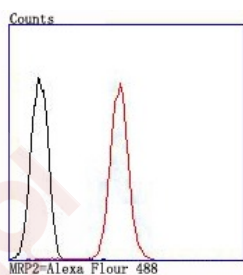
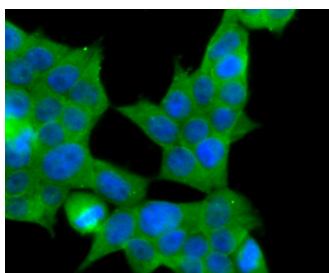
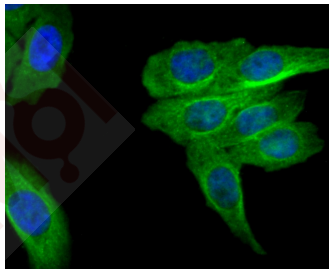
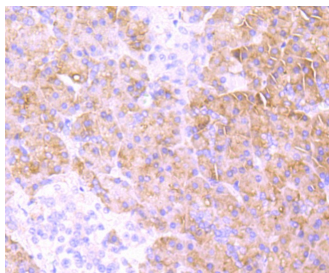
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 174 kDa.
Clone:	3L876
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-MRP2 antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-MRP2 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-MRP2 antibody. Counter stained with hematoxylin.
4. ICC staining MRP2 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
5. ICC staining MRP2 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
6. Flow cytometric analysis of A549 cells with MRP2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).
7. Western blot analysis of MRP2 on different lysates with MRP2 at 1/2,000 dilution. Lane 1: HepG2 cell lysate, Lane 2: A549 cell lysate, Lane 3: HeLa cell lysate (negative) Lysates/proteins at 15 ug/Lane. Predicted band size: 174 kDa, Observed band size: 300 kDa, Exposure time: 5 minutes; 4-20% SDS-PAGE gel.





Application: FCM, ICC, IHC, WB

Recommended WB: 1:500-1000; IHC: 1:50-200; ICC: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q92887
Synonyms:	Canalicular multispecific organic anion transporter 1;ATP-binding cassette sub-family C member 2;ATP binding cassette sub family C(CFTR/MRP) member 2;Canalicular multidrug resistance protein;KIAA1010;cMRP;Multidrug resistance associated protein 2;CMOAT;ABCC2;MRP2;CMOAT1;ABC30;multidrug resistance-associated protein2;MRP 2;ATP binding cassette subfamily C member 2;DJS

Research Background

Multi-drug resistance protein 2 (MRP2), also known as ABCC2, is an ATP binding cassette (ABC) transporter responsible for biliary excretion of xenobiotics, endobiotics, and their metabolites. Deficiency in ABCC2 results in the clinical disorder Dubin-Johnson syndrome. MRP2 is found to be expressed in a variety of human cancers, and is associated with resistance of tumor cells to various anticancer drugs including cisplatin. The predicted molecular weight of MRP2 is 174 kDa, while mature MRP2 usually has a slower migration around 190-250 kDa due to the glycosylation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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