

# MRP1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human ABCC1(Accession P33527), corresponding to amino acid residues M1-V39.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2899438

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:100	-

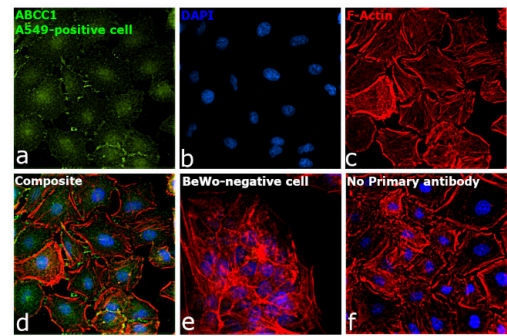
## Product Specific Information

Antibody detects endogenous levels of total ABCC1.

Product Images For MRP1 Polyclonal Antibody

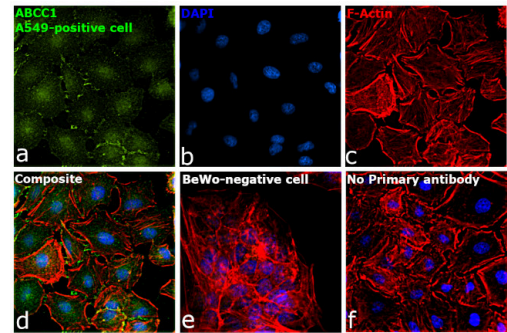
MRP1 Antibody (PA5-114802) in ICC/IF

Immunofluorescence analysis of ABCC1 was performed using 70% confluent log phase A549 cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with MRP1 Polyclonal Antibody (Product # PA5-114802) at 1:100 in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2500), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing plasma membrane, cell junction and nuclear localization. Panel e represents negative expression model, BeWo. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.



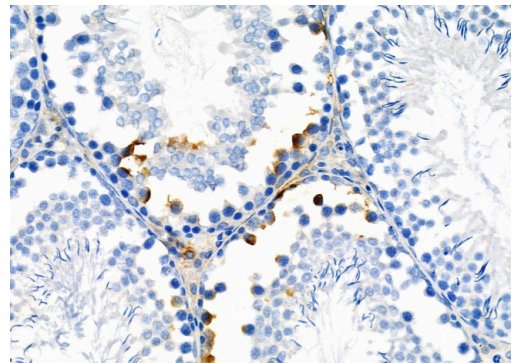
MRP1 Antibody (PA5-114802)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Anti-MRP1 Polyclonal Antibody (Product # PA5-114802), shows relative expression of the target protein in A549 as compared to BeWo. {RE}



MRP1 Antibody (PA5-114802) in IHC (P)

Immunohistochemistry analysis of MRP1 in rat testis tissue. Samples were treated with formaldehyde and treated with citrate buffer for antigen retrieval, blocked, and incubated (1.5 hours at 22°C) with polyclonal antibody (Product # PA5-114802) at a dilution of 1:100. Secondary staining was applied with HRP conjugated anti-Rabbit.



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