

# MRP1 Monoclonal Antibody (IU5C1)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	IU5C1
Conjugate	Unconjugated
Immunogen	A recombinant peptide corresponding to residues 1-33 (N-terminal: SMALRGFCSADGSDPLWDWNVTWNTSNPDFTKCF) of the human protein.
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.1% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_11155852

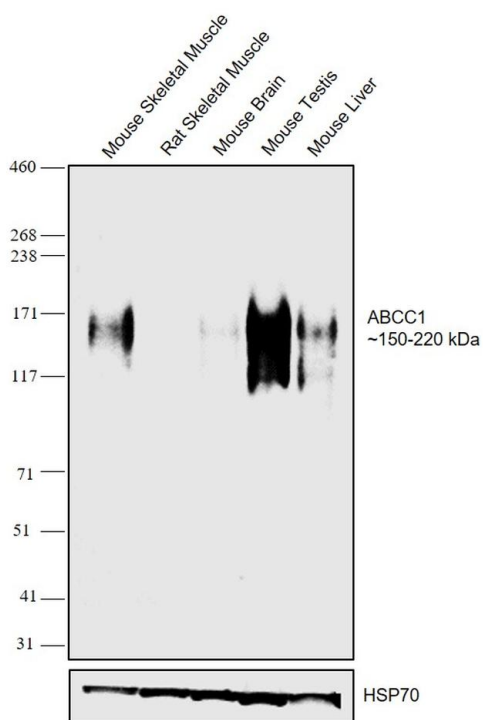
Applications	Tested Dilution	Publications
Western Blot (WB)	1:250-1:500	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-
Immunocytochemistry (ICC/IF)	1:10-1:2,000	-

## Product Specific Information

The target sequence has 96% sequence homology with rat, primate, and feline, 88% sequence homology with chicken, 87% sequence homology with bovine, 72% sequence homology with drosophila melanogaster.

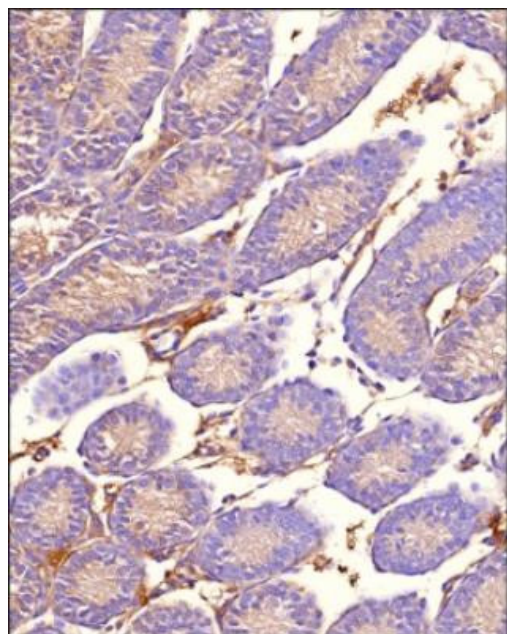
Suggested positive control: 293 transfected lysate.

## Product Images For MRP1 Monoclonal Antibody (IU5C1)



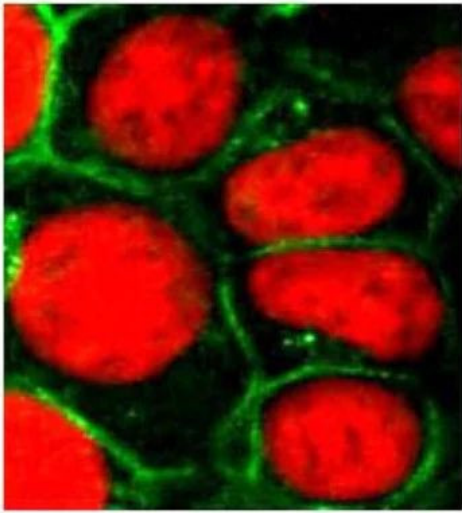
### MRP1 Antibody (MA5-16079) in WB

Western blot was performed using Anti-MRP1 Monoclonal Antibody (IU5C1) (Product # MA5-16079) and a 150-220 kDa band corresponding to ABCC1 was observed across tested tissues. Tissue extracts (50 µg lysate) of Mouse Skeletal Muscle (Lane 1), Rat Skeletal Muscle (Lane 2), Mouse Brain (Lane 3), Mouse Testis (Lane 4), Mouse Liver (Lane 5) were electrophoresed using NuPAGE™ 3-8% Tris-Acetate Protein Gel (Product # EA0378BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:300) and detected by chemiluminescence with Goat anti-Mouse IgG (H+L) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A28177, 1:4000) using the iBright™ FL1500 Imaging System (Product # A44115). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



### MRP1 Antibody (MA5-16079) in IHC (P)

Immunohistochemical analysis of MRP1 in formalin-fixed paraffin-embedded tissue section of mouse testis. Samples were incubated in MRP1 monoclonal antibody (Product # MA5-16079) using a dilution of 1:200 followed by HRP labeled anti-mouse secondary antibody and DAB reagent. Nuclei of cells were counter-stained with hematoxylin.



### MRP1 Antibody (MA5-16079) in ICC/IF

Immunocytochemistry analysis of MRP1 in HEK293 cells with MRP1 expression. Samples were incubated in MRP1 monoclonal antibody (Product # MA5-16079).

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