Product Datasheet

MDR1 Rabbit Polyclonal Antibody (orb221459)

Catalog Number	orb221459
Category	Antibodies
Description	MDR1 Rabbit Polyclonal Antibody
Target	ABCB1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	KLH conjugated synthetic peptide derived from human MDR1 (21-100/1272aa)
UniProt ID	**P08183**
MW	170 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB

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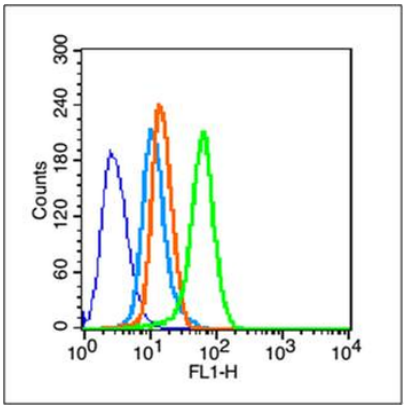
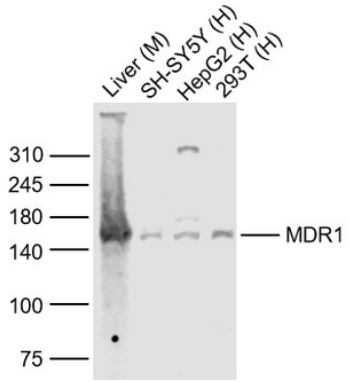
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control (blue line): Hela (fixed with 70% methanol (Overnight at -20°C) and then permeabilized with ice-cold 90% methanol for 30 min on ice). Primary Antibody (green line): Rabbit Anti-MDR1 antibody (orb221459), dilution: 1 µg/10^6 cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-FITC, dilution: 1 µg/Test.



Sample: Lane 1: Liver (Mouse) Lysate at 40 ug, Lane 2: SH-SY5Y (Human) Cell Lysate at 30 ug, Lane 3: HepG2 (Human) Cell Lysate at 30 ug, Lane 4: 293T (Human) Cell Lysate at 30 ug, Primary: Anti-MDR1 (orb221459) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 150-180 kD, Observed band size: 150 kD.

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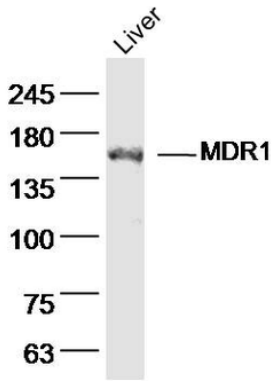
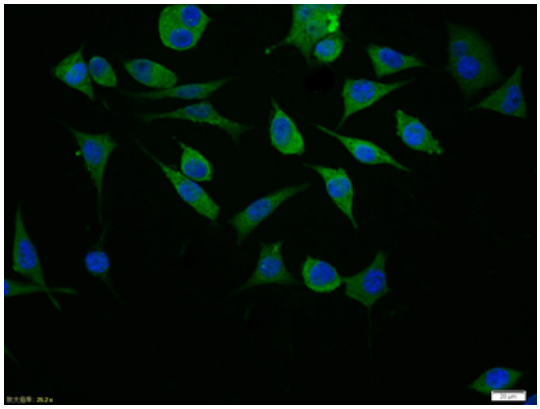
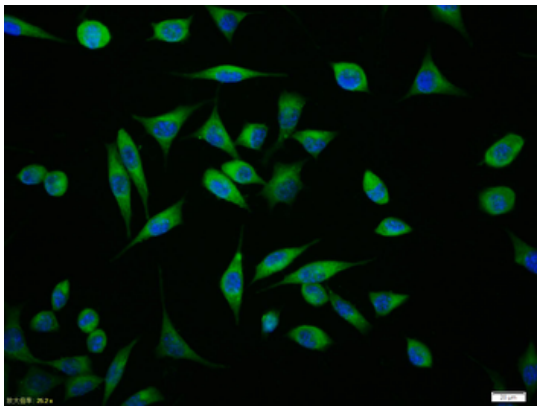


Sample: Liver (mouse) Lysate at 40 ug, Primary: Anti-MDR1 (orb221459) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 141kD, Observed band size: 150kD.



Tissue/Cell: SH-SY5Y cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (MDR1) polyclonal Antibody, Unconjugated (orb221459) 1:100, 90 minutes at 37°C, followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.



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