

# ABCE1 Recombinant Rabbit mAb

ABCE1 Recombinant Rabbit mAb  
Catalog # AP94423

## Product Information

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<b>Application</b>	WB, IHC-P, IHC-F, IF, IP
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant
<b>Physical State</b>	Liquid
<b>Immunogen</b>	A synthesized peptide derived from human ABCE1
<b>Epitope Specificity</b>	574-599
<b>Isotype</b>	IgG/Kappa
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasm. Mitochondrion. Note=Localized to clusters of virus formation at the plasma membrane.
<b>SIMILARITY</b>	Belongs to the ABC transporter superfamily. ABCE family.Contains 2 4Fe-4S ferredoxin-type domains.Contains 2 ABC transporter domains.
<b>SUBUNIT</b>	Probably heterodimerizes with RNASEL; this interaction inhibits the RNASEL. Associates with HIV-1 Vif and HIV-1, HIV-2 and SIV Gag proteins.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	ABCE1 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the OABP subfamily. It is alternatively referred to as the RNase L inhibitor as it functions to block the activity of ribonuclease L(referenced from entrez gene).

## Additional Information

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<b>Dilution</b>	WB=1:500-2000,ICC/IF=1:50-200,IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200, Flow-Cyt=1:50-100,IP=1:20-50
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

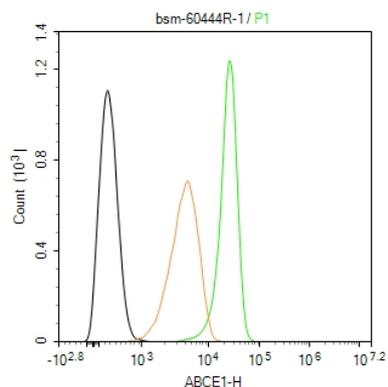
## Background

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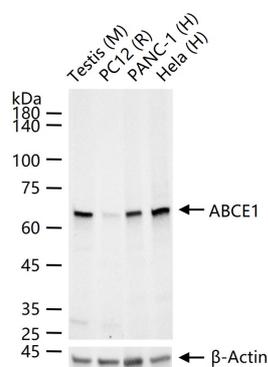
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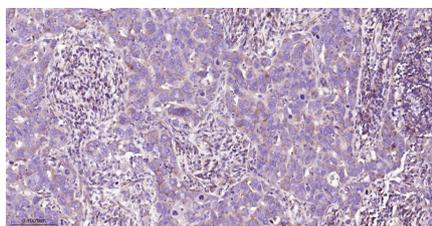
## Images



The HeLa (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Rabbit Anti-ABCE1 antibody (AP94423,1:100); Isotype Control (orange): Rabbit IgG (AP94423). Blank control (black): PBS. Acquisition of 20,000 events was performed.



25 ug total protein per lane of various lysates (see on figure) probed with ABCE1 monoclonal antibody, unconjugated (AP94423) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ABCE1 Monoclonal Antibody, Unconjugated (AP94423) at 1:200 overnight at 4°C, followed by conjugation to the AP94423-HRP and DAB (C-0010) staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.