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ABCE1 Recombinant Rabbit mAb

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Catalog # AP94423

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Immunogen	A synthesized peptide derived from human ABCE1
Epitope Specificity	574-599
Isotype	IgG/Kappa
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Mitochondrion. Note=Localized to clusters of virus formation at the plasma membrane.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

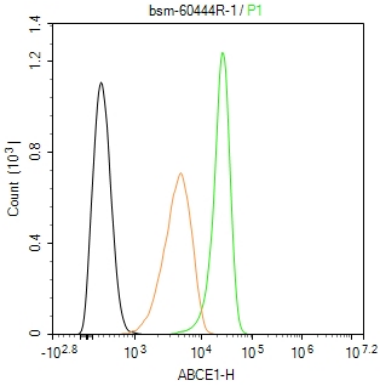
Dilution	WB=1:500-2000,IHC-P=1:50-200,IHC-F=1:50-200,IF=1:50-200,Flow-Cyt=1:50-100,IP=1:20-50
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Background

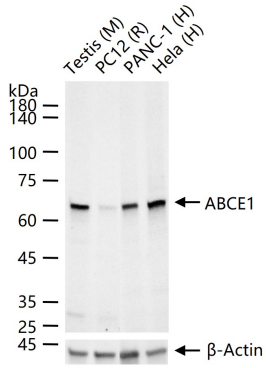
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Images

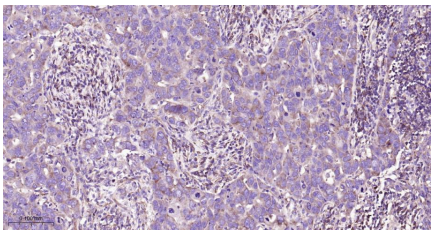
The Hela (H) cells were fixed with 4% PFA (10 min at r.t.)



and then permeabilized with 90% ice-cold methanol for 20 min at -20℃,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'.