

Anti-ATP1A1 Antibody (R2Y93)

Summary

Catalog No.	RHC12101
Clone ID	R2Y93
Host species	Mouse
Tested applications	ELISA: 1:10000, FCM: 1:200-1:400, IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
Species reactivity	Human
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
Concentration	1 mg/ml
Purity	>95% as determined by SDS-PAGE.
Clonality	Monoclonal
Isotype	IgG2a
Applications	ELISA, FCM, IF, IHC, WB
Target	Na(+)/K(+) ATPase alpha-1 subunit, Sodium pump subunit alpha-1, Sodium/potassium-transporting ATPase subunit alpha-1, ATP1A1
Purification	Protein A/G purified from cell culture supernatant.
Endotoxin level	Please contact with the lab for this information.
Accession	P05023

Stability and Storage

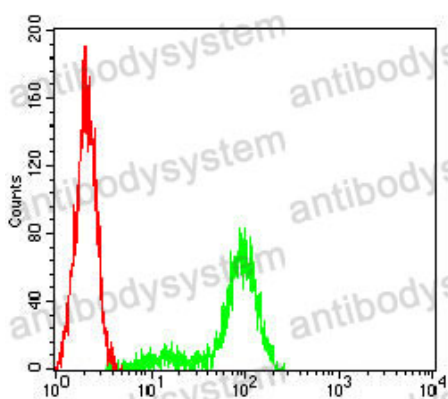
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

Note

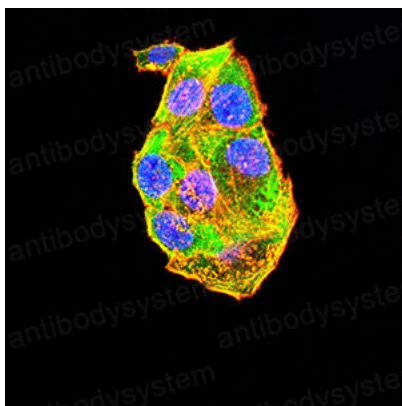
For research use only.

Data Image



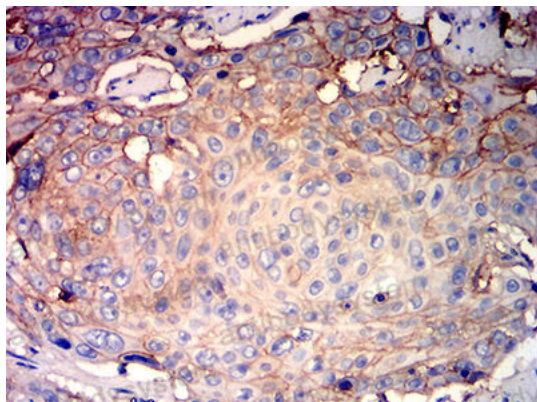
Flow Cytometry

Flow cytometric analysis of HeLa cells using ATP1A1 mouse mAb (green) and negative control (red).



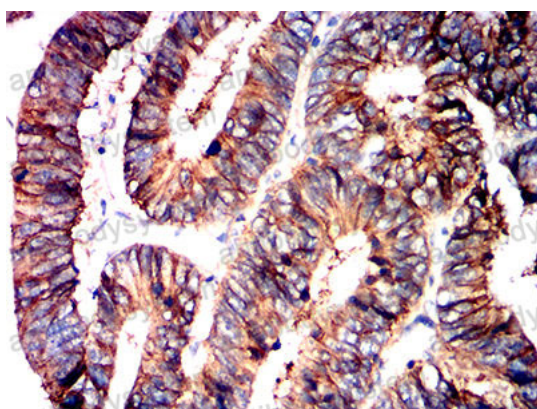
Immunofluorescence

Immunofluorescence analysis of HeLa cells using ATP1A1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



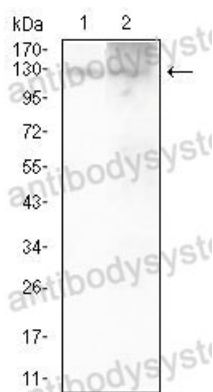
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using ATP1A1 mouse mAb with DAB staining.



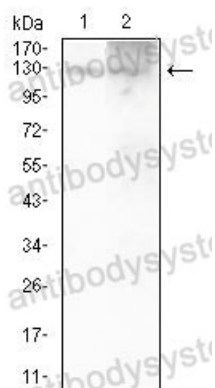
Immunohistochemical

Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using ATP1A1 mouse mAb with DAB staining.



Western blot

Western blot analysis using ATP1A1 mouse mAb against Hela (1) and A431 (2) cell lysate.



Western blot

Western blot analysis using ATP1A1 mouse mAb against HeLa (1) and A431 (2) cell lysate.