

ATP2C1 Antibody (4G12)

Tested Species Reactivity

Human (Hu)
Non-human primate (Nhp)

Tested Applications

Tested Applications	Dilution *
Western Blot (WB)	1/500 - 1/2000
Immunohistochemistry (IHC)	1/200 - 1/1000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details

Catalog Number:	MA5-15592
Size:	100 µL
Class:	Monoclonal
Type:	Antibody
Clone:	4G12
Host / Isotype:	Mouse / IgG1
Immunogen:	Purified recombinant fragment of ATP2C1 expressed in E. Coli.

Form Information

Form:	Liquid
Storage Buffer:	ascites
Preservative:	0.03% sodium azide
Storage Conditions:	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Product Specific Information

MA5-15592 targets ATP2C1 in IHC and WB applications and shows reactivity with Human and Non-human primate samples.

The MA5-15592 immunogen is purified recombinant fragment of ATP2C1 expressed in E. Coli.

MA5-15592 detects ATP2C1 which has a predicted molecular weight of approximately 100kDa.

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General Information

The protein encoded by this gene belongs to the family of P-type cation transport ATPases. This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the transport of the calcium. Defects in this gene cause Hailey-Hailey disease, an autosomal dominant disorder. Alternatively spliced transcript variants encoding different isoforms have been identified.

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