Product datasheet

Anti-ATP5F1A Antibody (Clone#AAFC-1)

Catalog Number: *BM5043*

BOSTER®
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
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Basic Information

Product Name	Anti-ATP5F1A Antibody (Clone#AAFC-1)
Gene Name	ATP5F1A
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, ICC/IF, IHC, FCM
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human ATP5A1
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	55 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50-200 Flow Cytometry (FCM): 1:20

Storage

12 months from date of receipt，-20℃ as supplied.

Selected Validation Data

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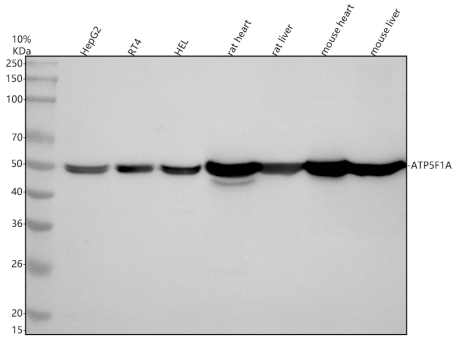
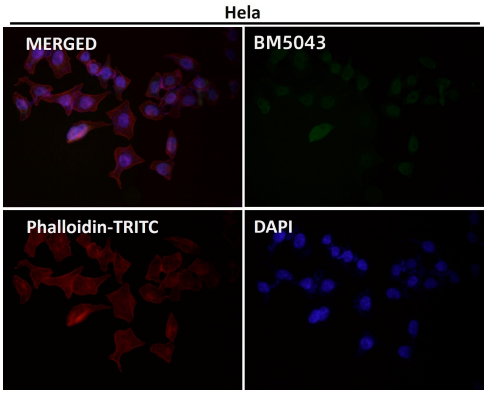


Western blot analysis of anti-ATP5F1A antibody (BM5043). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human HepG2 whole cell lysates,
Lane 2: human RT4 whole cell lysates,
Lane 3: human HEL whole cell lysates,
Lane 4: rat heart tissue lysates,
Lane 5: rat liver tissue lysates,
Lane 6: mouse heart tissue lysates,
Lane 7: mouse liver tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-ATP5F1A antigen affinity purified monoclonal antibody (BM5043) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for ATP5F1A at approximately 50 kDa. The expected band size for ATP5F1A is at 60 kDa.



Immunofluorescent analysis using the Antibody.